

26556

# GORDON INVALIDS' CHAIRS




**GORDON**  
**MANUFACTURING COMPANY**  
TOLEDO, OHIO, U. S. A.

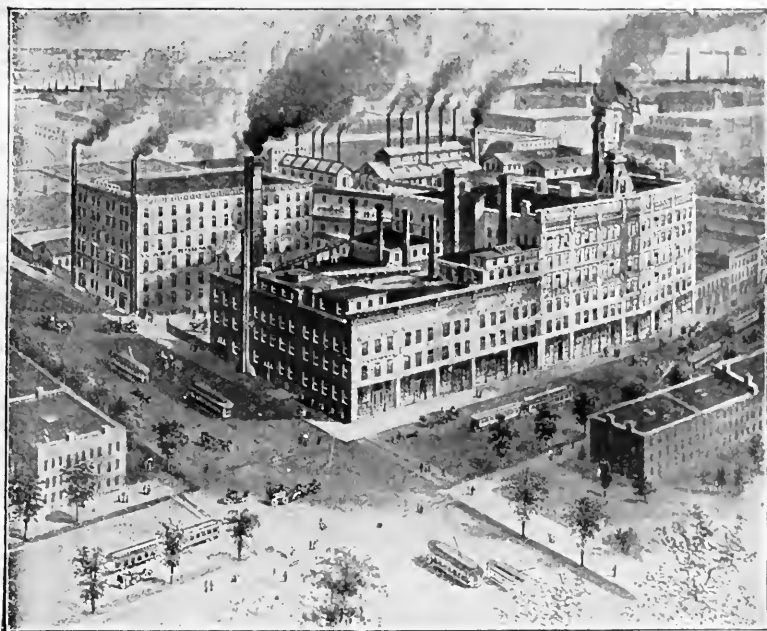
RBR  
RD 57  
W45  
T.C.

*THE HENRY FRANCIS du PONT  
WINTERTHUR MUSEUM  
LIBRARIES*





Digitized by the Internet Archive  
in 2011 with funding from  
LYRASIS Members and Sloan Foundation



20% off

CASH  
DISCOUNT  
20 Per Cent



# INTRODUCTION



**T**HE wants of invalids have been our study for years, particularly along the line of Rolling Chairs and Tricycles. In buying a chair or tricycle for an invalid it is important to know that in its construction it embodies all that is required for strength and comfort, and ease of operation. This is best assured when buying from a manufacturer who has had long and unlimited experience in the manufacture of all parts of Invalids' Chairs, and whose facilities for doing the work are unequaled. Our chairs are a source of unlimited comfort, pleasure and convenience to those who find it necessary to use them.

**2. WHEELS AND HARDWARE.** The rims on all our wheels are electric welded, making them much stronger than rims with brazed joints. All hardware, such as swivel forks, brackets, braces, etc., that are not made of wrought steel are made of the best steel castings. We call particular attention to the fact that we use no cast-iron wheels of any kind. They are entirely too heavy, clumsy looking, and make too much noise.

**3. BEARINGS.** We furnish either plain or ball-bearings. The latter make the wheels run much easier, and are well worth the small additional cost. The cups and cones are tool steel, hardened and ground accurately true. Our ball-bearings have become justly celebrated for their easy-running qualities, made so not only by the fine quality of steel and the perfect temper of cups and cones, but largely because of the fact that in our bearings friction is reduced to a minimum. Our aim has always been not only to produce the easiest running bearing, but also the longest lived. We cannot feel otherwise than confident that we have a bearing as nearly approaching absolute perfection as can be evolved by science and mechanical skill.

**4. BICYCLE BALL-BEARINGS.** \$3.75 extra on three-wheel chairs. \$4.50 extra on four-wheel chairs. We cannot furnish ball-bearings in oval steel rim wheels, except sprocket drive wheels on self-propelling chairs.

**5. CUSHION TIRES.** Our rubber tires are made of the same high-grade stock used in tires for road vehicles. The tires are wired to the rim by the same method employed in attaching tires to large vehicle wheels. This prevents them from pulling or rolling off, which was always a source of annoyance where tires were cemented to the rims. You will always have trouble with a chair that has cemented rubber tires. We caution you to examine them carefully, for there are many on the market.

**6. WOOD WHEELS.** We recommend our steel suspension wheels as being vastly superior to wood wheels, even though one cannot afford the luxury of cushion tires; but when desired, we are prepared to furnish 28-inch wood wheels that are well made, and fitted with neat steel hub caps and bands.

As the demand for wood wheels is limited, we do not list all our chairs with them, but upon application will quote prices on such chairs as are not listed regularly with them.

**7. AXLES** are made of  $\frac{3}{4}$ -inch square steel axle stock, with  $\frac{5}{8}$ x3-inch spindle.

**8. CHAIR BODIES.** Our chairs, both reed and oak, are made by skilled and experienced reed and wood workers, and as a result they are not only artistic in design, but perfect in the proportion, shape, and fit to the body. Our oak chairs are made of genuine oak and filled with hygienic cane webbing (except numbers 601-2- $\frac{1}{2}$ -3-4- $\frac{1}{2}$ , which are filled with 3-ply veneer). On our reclining chairs we use a fixture for reclining the back that is very simple and does not require any strength or tools, a touch of the finger being all that is required to adjust the back to any angle. The leg-rest works in conjunction with the back. The foot-board is adjustable and can be laid flat against the leg-rest to facilitate entering or leaving the chair.

**9. FINISH.** All oak chairs are finished golden oak, rubbed and polished, the finest quality of varnish being used.

On reed chairs they are light shellacked and varnished, three coats, making a most durable and handsome finish. Light finish is the prevailing style, although we can furnish reed chairs in golden oak finish if desired, without extra charge.

Our steel wheels and all hardware and iron work is finished in black bicycle enamel, baked in an oven at a high degree of heat. Wood wheels are finished in golden oak, rubbed and polished, the finest quality of varnish being used.

**10. ONE-PIECE INDEPENDENT ADJUSTABLE LEG-REST** \$5.00 extra. Illustrated on chairs Nos. 622-3-4). This is an added comfort, much desired, for it allows independent adjustment of the leg-rest without interfering with the back. It is often desirable to have the leg-rest partially up or on a level with the seat, when the back is in an upright position or partially reclining. The foot-board is also adjustable to any position. These adjustments by a slight pressure of the thumb enable one to attain many changes in position for comfort, convenience and pleasure. There are chairs on the market with the antiquated method of adjusting leg-rest with a string. The superiority of our adjustment is readily apparent. Furnished for \$5.00 extra on Nos. 601-2-½, 603-4-½, 605-6-7, 608-9-10, 611-12-13, 614-15-16, 617, 618, 619-20-21, 631-2-3, 634-5-6, 637-8-9, 640-1-2, 685-6-7, 688-9-10, 697-8-9, 887-8-9, 896-7-8, 701-2-3.

**11. TWO-PIECE INDEPENDENT DIVIDED ADJUSTABLE LEG-REST** \$7.50 extra. (Illustrated on chairs Nos. 625-6-7.) The utility of this device is easily discernible. It gives unlimited pleasure, for innumerable changes of position are attainable. The legs can have any desired position independent of each other or of the back, or they can both be adjusted together to the same position in connection with the back or independent of same. At any angle the foot-boards are adjustable to meet any desired position. Chairs fitted with this adjustment give unlimited pleasure and comfort. A slight pressure on the back, or a slight pressure of the thumb gives any desired position of the back or leg-rests. Furnished for \$7.50 extra on chairs Nos. 601-2-½, 603-4-½, 605-6-7, 608-9-10, 611-12-13, 614-15-16, 617, 618- 619-20-21, 631-2-3, 634-5-6, 637-8-9, 640-1-2, 685-6-7, 688-9-10, 697-8-9.

**12. COMMODOE ATTACHMENT WITH SLIDING SEAT** \$5.00 extra. (Illustrated on chairs Nos. 619-20-1.) This attachment enables many invalids to enjoy the pleasure and convenience of spending all their time in a chair. It enables the invalid to be taken anywhere out of doors with perfect freedom, which is not possible at all times without this commode attachment. A chair fitted with this attachment is not unsightly; in fact, looks no different than one without it. There is an extra seat filled with hygienic cane webbing that slides in grooves and is drawn out at the rear of chair to allow patient to sit on the commode seat, which is comfortable and roomy. This extra seat is put back in place without discomfort to the invalid. The commode pan is of galvanized iron, enameled with black bicycle enamel, baked on at a high degree of heat and is locked in place to avoid rattling, but can be easily removed from under chair without disturbing the patient. The utility of this device is readily apparent. Furnished for \$5.00 extra on Nos. 603-4-½, 611-12-13, 614-15-16, 618, 631-32-33, 634-5-6, 640-1-2, 649-50-51, 652-3-4, 655-6-7, 688-9-10, 694-5-6, 697-8-9, 823-4-5, 887-8-9, 896-7-8, 701-2-3.

**13. EXTRA SWIVEL WHEEL on rear of chair.** Our three-wheel chairs are absolutely safe and reliable and positively cannot be upset. Their dimensions and adjustments are carefully inspected, and we guarantee them to be the safest, most comfortable and easiest running chairs on the market. When a chair is wanted for a very delicate case of invalidism, where an added feeling of security is desired, we recommend an extra rear swivel wheel, which can be furnished at the following prices:

Oval steel rim wheel and swivel fork for same.....	\$2.00 extra
¾-inch rubber tire wheel and swivel fork for same.....	4.00 "
1-inch rubber tire wheel and swivel fork for same.....	5.00 "
If bicycle ball-bearings are desired in above wheels.....	1.25 "

Above rear swivel wheels can be furnished on the following chairs: Nos. 601-2-½, 603-4-½, 608-9-10, 611-12-13, 617, 618, 622-3-4, 625-6-7, 628-9-30, 637-8-9, 640-1-2, 643-4-5, 646-7-8, 649-50-51, 652-3-4, 664-5-6, 670-1-2, 679X-80X-81X, 682-3-4, 687-8-9, 891-2, 893-4-5.

**14. STATIONARY WOOD PUSH-HANDLE** 50c. extra. Can be furnished on all chairs.



- 15. EXTENSION WOOD PUSH-HANDLE \$1.00 extra.**  
Can be furnished on all chairs. (See illustration of handle on Nos. 661-2-3.)

**NOTE.** All chairs illustrated with extension wood push-handles, are furnished on such chairs without extra charge.

- 16. SPRING \$2.50 EXTRA,** except on chairs that are listed regularly with them. Springs are very desirable on either indoor or street chairs to prevent jarring to the occupant. They are elliptical in shape and made of tempered steel, swaged. Are furnished regular with two leaves, one of which can be taken off when more elasticity is required. We recommend them in all cases, for they are a source of much comfort and pleasure. They absorb much of the vibration and jarring which is so annoying, especially to invalids.

- 17. DROP-ARM ATTACHMENT \$3.00 extra.** (Illustrated on chairs Nos. 637-8-9 and 701-2-3.) The utility of this device is readily apparent. When we put on this attachment we lower the large wheels so that they are on a level with the seat. This enables extremely delicate and helpless invalids to be moved from the bed to the chair and back again without difficulty and inconvenience. If it is necessary for patient to assume a reclining position, the leg-rests can be raised, the foot-board extended, and the back reclined, in addition to the drop-arm, making the chair on a perfect level with the bed, to enable the patient to be shifted from one to the other without change of position. After patient is in the chair any desired change in position of back or leg-rests can be obtained to suit the convenience, comfort and pleasure of the patient. Furnished for \$3.00 extra on Nos. 601-2-½, 603-4-½, 608-9-10, 611-12-13, 614-15-16, 619-20-1, 622-3-4, 625-6-7, 640-1-2, 697-8-9, 887-8-9, 891-2.

- 18. SELF-PROPELLING ATTACHMENT \$10.00 extra.** Attachment is for two hands and includes bicycle ball-bearings in wheels. The reason why our hand or self-propelling chairs are the easiest handled and smoothest running on the market, is because the drive wheels are always fitted with bicycle ball-bearings and the sprocket wheels are milled so that the chains travel smoothly. All swivel wheel chairs with this attachment are steered by working one wheel more than the other; or, by working one wheel alone the chair can be kept turning around in its own space, or can be propelled forward or backward at will. Chairs with this device can be run on ordinary pavements or up ordinary grades with little effort. Furnished for \$10.00 extra on Nos. 601-2-½, 603-4-½, 611-12-13, 619-20-21, 622-3-4, 625-6-7, 628-9-30, 649-50-51, 652-3-4, 664-5-6, 670-1-2, 697-8-9.

- 19. TABLE \$3.00 EXTRA.** Illustrated on chairs Nos. 893-4-5, made of oak, varnished, and has an edge around the outside to prevent articles falling off. The inside of the table is rounded off crescent shape, so the occupant of the chair is not crowded and has plenty of room. The size of this table is 15x24 inches, giving plenty of room for reading, writing or eating; can be easily attached or detached, for no tools are required. Every invalid should enjoy the pleasure of this table, for it is without doubt one of the most convenient accessories ever invented for an invalid chair.

- 20. HAND BRAKE \$3.00 EXTRA.** A positive hand brake that will give the best of service and is highly recommended for all our chairs. Is easily operated by occupant of chair and operates on the large wheels. The mechanism is so simple that a child can operate it, but its action is so positive that it gives the occupant of the chair every feeling of security. As all sidewalks are now built with a sloping toward the curb, all invalid chairs should be equipped with a hand brake to prevent the chair rolling into the street unexpectedly, especially so when occupant is left alone and is not capable of handling the chair. We highly recommend hand brakes to every purchaser.

- 21. CUSHIONS.** (Fully illustrated on chairs Nos. 814-5-6.) These afford much comfort and pleasure. Our cushions are made in three different sections united in one piece, a feature that is patented. For filling, the finest quality of cotton elastic felt, which is entirely antiseptic, is used. It makes a cushion more elastic than a hair-filled cushion, and it will not pack, for a sun bath will always renovate it.

#### Furnished in the Following Grades:

Bedford Cord (Narrow Rep). Colors, Drab, Green, Brown, Red or Blue.....	\$8.00
Extra heavy Rep, Colors, Green, Brown, Blue, Drab or Red.....	8.50
Fancy figured Velour, Colors, Green, Blue, Brown or Red.....	9.50
Pantasote or Imitation Leather, Colors, Dark Green, Brown or Maroon.....	9.50
Imported Narrow Wale Corduroy, Colors, Drab, Brown, Green, Blue or Red....	10.50

If leg-rest cushion is wanted in two pieces, to fit our two-piece divided independent adjustable leg-rest chairs, add \$1.50 extra.

We would be pleased to mail samples of cloth if you will advise us the quality and color of cushion you anticipate buying.

Some customers desire the seat only upholstered; this we can do in any grade of upholstery listed above. The price will be one-third of the above.

Should seat and back upholstery be wanted, or seat and back cushion, the price would be two-thirds the above prices for three-section cushions.

When ordering seat, or seat and back upholstery, always state if you wish stationary upholstery or loose detachable cushions.

We call particular attention to the fact that three-section cushions change the dimensions of a chair  $3\frac{1}{2}$  inches in the height of back, depth of seat, height of seat from foot-board, and height of arms from seat.

## **22. CANOPY TOPS.** (Fully illustrated on chairs Nos. 814-15-16.)

Adjustable canopy tops that can be opened and closed, furnished complete with rod and attachments that will give any desired position of the canopy to protect occupant from the sun, as follows:

Canopy top made of ribbon cloth, with attachments.....\$3.00

Canopy top made of No. 4 silk satin, with attachments..... 7.00

Canopy Top of black umbrella cloth, with attachments..... 3.50

**"IDEAL."** This is the name of our new rolling chairs Nos. 830-1-2-3-4-5-6-7-8-9, 40-1-2-3-4. They have a superior constructed running gear that enables occupant to enjoy unlimited pleasure of freedom in getting around conveniently, for our **"IDEAL"** chair will go into nearly every nook and corner, and enables the occupant to get around the house easily and without assistance.

**"IDEAL"** rolling chairs fill a long felt want. This valuable and convenient chair is the natural result of years of experience and experimenting by mechanics who are experts in the building of vehicles for the comfort of invalids.

**"IDEAL"** construction is of a very superior character. The main frame or U is of gas pipe, strongly braced from the rear axle, with steel rods. The rear axle is of  $\frac{3}{4}$ -inch square steel axle stock, with  $\frac{5}{8}$ -inch by 3-inch spindle. The swivel fork in which the small wheel operates is malleable iron and is accurately gauged by having true bearings, and therefore gives the desired results in a chair of this construction. The small swivel wheel is entirely out of the way and gives no annoyance whatever.

Springs are furnished on our **"IDEAL"** chair without extra charge. They are very desirable for either indoor or outdoor use as they prevent all jarring.

**"IDEAL"** chairs are made in five different styles, as illustrated and described.

We do not recommend our **"IDEAL"** chairs for use on other than smooth surfaces.

## **24. IMITATION SPANISH LEATHER UPHOLSTERING.**

We offer a new and complete line of invalid chairs upholstered in imitation Spanish leather, both with plain and tufted upholstery. This line has been constructed on the strength of special orders which have been received for upholstered invalid and rolling chairs.

Time has demonstrated the great value of imitation leather. It has long ago passed the theoretical stage and is now recognized, not as an imitation, but as a perfect substitute for leather, and at less than one-third the cost.

These same chairs are made with hygienic cane webbing instead of imitation leather upholstery. Imitation Spanish leather adds slightly to the cost of a chair, but this additional cost is small when one considers the added amount of comfort it affords.

We offer you the choice of three colors; green, brown, or maroon. Samples mailed on request.

**25. SPECIAL CHAIRS.** We illustrate in our catalogue the most complete variety of invalid and rolling chairs on the market, chairs that have been built to meet every possible requirement for comfort, pleasure and convenience. However, we often receive inquiries for a chair slightly different in construction or proportion or some special feature that is wanted on our regular stock chairs. When such a special chair is required we are pleased to furnish same at a slight additional cost, covering the actual material and labor required. It is necessary for you to write us fully regarding your requirements, and your letter will have prompt attention.

**26. PRICE LIST OF WHEELS AND PARTS FOR INVALIDS' CHAIRS.**

8-inch steel rim wheels.....	each,	\$0.75
10-inch steel rim wheels.....	each,	1.00
14-inch steel rim wheels.....	each,	1.30
24-inch steel rim wheels.....	each,	1.85
26-inch steel rim wheels.....	each,	2.10
28-inch steel rim wheels.....	each,	2.25
8-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	2.75
10-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	3.00
14-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	3.50
24-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	6.00
26-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	6.25
28-inch $\frac{3}{4}$ -inch rubber tire wheels.....	each,	6.50
8-inch 1-inch rubber tire wheels.....	each,	3.75
10-inch 1-inch rubber tire wheels.....	each,	4.00
14-inch 1-inch rubber tire wheels.....	each,	5.40
24-inch 1-inch rubber tire wheels.....	each,	7.75
26-inch 1-inch rubber tire wheels.....	each,	8.25
28-inch 1-inch rubber tire wheels.....	each,	8.75

Above wheels with exception of steel rim, can be furnished with ball bearings at an extra charge of \$1.25 each.

28-inch wood wheel, varnished.....	each,	\$2.50
28-inch steel rim, ball bearing, with chain driving sprocket attached.....	each,	4.10
28-inch, with $\frac{3}{4}$ -inch rubber tire, ball-bearing, with chain driving sprocket attached.....	each,	9.80
28-inch, with 1-inch rubber tire, ball-bearing, with chain driving sprocket attached.....	each,	13.90

**27. NOTE.** We have many requests for rubber tires only, from customers who wish to put new rubber tires on their old wheels. It is impossible to put them on by hand, for our rubber tires are not cemented on, but are attached by machines by wires running through the center of tire and brazed at the joint, exactly the same as tires are put on road vehicles. Therefore, when you want your old wheels retired, it will be necessary for you to send them to us by **express prepaid**, carefully tagged with your name and address, and you must write us at once what you wish. We can put on the rubber tire you want at the following prices, and return to you promptly. The best grade of vehicle tire made of Para rubber is used.

$\frac{3}{4}$ -inch rubber tire only for 8-inch wheel.....	each,	\$1.50
$\frac{3}{4}$ -inch rubber tire only for 10-inch wheel.....	each,	1.75
$\frac{3}{4}$ -inch rubber tire only for 14-inch wheel.....	each,	2.25
$\frac{3}{4}$ -inch rubber tire only for 24-inch wheel.....	each,	3.50
$\frac{3}{4}$ -inch rubber tire only for 26-inch wheel.....	each,	3.75
$\frac{3}{4}$ -inch rubber tire only for 28-inch wheel.....	each,	4.00
1-inch rubber tire only for 8-inch wheel.....	each,	1.75
1-inch rubber tire only for 10-inch wheel.....	each,	2.25
1-inch rubber tire only for 14-inch wheel.....	each,	3.25
1-inch rubber tire only for 24-inch wheel.....	each,	4.00
1-inch rubber tire only for 26-inch wheel.....	each,	4.50
1-inch rubber tire only for 28-inch wheel.....	each,	5.00
For re-enameling, 8, 10 or 14-inch wheels.....	each,	.50
For re-enameling 24, 26 or 28 inch wheels.....	each,	1.00
Hand rims with studs attached.....	each,	1.25
Steel elliptic springs.....	each,	1.25

Fork bracket for attaching to U bow frame.

To fit 8-inch wheel.....	each,	\$0.40
To fit 10-inch wheel.....	each,	.50

Fork extension bracket to attach under chair (long extension).

To fit 8-inch wheel.....	each,	\$1.70
To fit 10-inch wheel.....	each,	1.75
To fit 14-inch wheel.....	each,	2.50

Swivel fork to fit any of the above brackets.

For 8-inch wheel.....	each,	\$0.60
For 10-inch wheel.....	each,	.75
For 14-inch wheel.....	each,	1.00

U bow frame without spring blocks.....	each,	\$2.50
Axle Blocks (wood) between spring and axle.....	each,	.20
Spring Blocks (wood) between spring and seat.....	each,	.20
Axle nuts, right or left.....	each,	.10
Bolts with nuts.....	each,	.05
Mud guards with brackets, same as on No. 673.....	each,	.75
Axles, 11-16 inch square with malleable extension brackets, same as No. 605. . . . .	each,	3.00
Axles, 11-16 inch square.....	each,	1.00
Axles, ½ inch square.....	each,	.75
Bracket, for adjusting reclining back, complete.....	each,	.75
Arm hinges. . . . .	each,	.30
Side rails under arms on reclining chair.....	each,	.40
Foot-board hinges for reclining chair.....	each,	.50
Propelling gear for self-propelling chair.....	each,	5.90
Axle bracket as used on self-propelling chair.....	each,	.90
Stationary wood push-handle with attachments.....	each,	.50
Extension wood push-handle with attachments.....	each,	1.00
Chain as used on self-propelling chair.....	per foot,	.30

**PRICES ON SPECIAL PARTS NOT GIVEN ABOVE, WILL BE FURNISHED ON APPLICATION.**

**28. PACKING.** All prices in this catalogue contemplate our goods carefully wrapped and securely crated for domestic shipment; if wanted tightly boxed for ocean shipment there is an extra charge of \$2.00.

**29. SPECIAL NOTICE.** Examine your shipment carefully before receipting for same. All shipments are delivered to the transportation company in good order, properly packed, and are shipped at the risk of buyer. Our responsibility ceases upon delivery of goods to transportation company, as they are then out of our control, and we will not be responsible for loss or damage or delay in transit. Your recourse is on the transportation company. If goods arrive in bad order, before receipting for them, require transportation company to note same on freight or express receipts, and then make your claim on the transportation company. We caution customers not to accept shipments that arrive in bad condition without a proper notation of the damage on the railroad or express company's receipt. Every assistance in our power will be cheerfully rendered to trace and recover lost goods and to collect damages.

**30. RETURNED GOODS.** Do not return any goods to us without first obtaining our instructions. Occasionally a customer will receive a chair that does not suit the necessary requirements and wishes to return it and exchange for another style; such request must be made not later than ten days after receipt of goods. All expenses in this connection, such as transportation charges, both ways, cost of crating and reconditioning, must be paid by purchaser. In such cases freight or express must always be prepaid, and immediately shipment has been made a copy of freight or express receipt must be mailed us.

To put a returned chair in new fresh condition after it has made a trip from the factory and back again, and in some cases used by the customer, costs from \$1.50 to \$3.00, besides the transportation charges. The cost of crating an invalid chair is a big item, and when a crate has made two trips it is practically worthless and cannot be used again. If the chair is scuffed and marred, either from packing, handling or service, the chair must be reassembled and the worn parts revarnished, and our customers can readily see why such a reconditioning and crating charge is necessary.

## OUR 30 DAY TRIAL OFFER.

We wish to afford our customers full opportunity to satisfy themselves as to the merits of our chairs. We therefore make this proposition: Send us your order for any chair shown in our catalogue, with remittance, and we will ship the chair to you carefully crated, and if found to be defective or different in any respect than we represent it to be, it may be returned to us at our expense at any time within 30 days after its receipt, and we will return your money or send you another chair, at your option; provided, of course, that the chair is not damaged or rendered second-hand by usage. Our object is to give you ample opportunity to make such examination and trial of the chair as will enable you to determine for yourself whether or not it is what we claim it to be.

We cannot, of course, hold ourselves responsible for mistakes made by our customers in ordering chairs. Please be careful, therefore, in making your selection, so as to avoid the expense and inconvenience of making any change. If you are in doubt as to what style of chair will best serve your requirements, write us fully upon the subject and we will be glad to give you the benefit of our judgment to assist you in making a proper selection. However, from the cuts, dimensions and descriptive matter contained in our catalogue, it should not be difficult for any one to determine the style of chair best adapted to the requirements of the particular case.

## OUR GUARANTEE.

We guarantee our chairs to be exactly as we represent them—free from defects and not inferior in any slight particular. To any customer who may be dissatisfied with his purchase on account of any such inferiority, defect or misrepresentation, we will return every item of expense he has been put to in dealing with us or satisfy him with a different vehicle, at his option. WE CANNOT AFFORD ONE DISSATISFIED CUSTOMER and we guarantee our most earnest endeavor to prevent it.

GORDON MANUFACTURING CO.

**DIMENSIONS.**

Height of back from seat.....	27 inches.
Height of seat from floor.....	22 "
Height of seat from foot-board....	15½ "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	19 "
Diameter of rear wheels.....	26 "
Diameter of front wheels.....	10 "
Width over all.....	29 "



**FIXED ROLLING CHAIR.**

**With Springs and Extension Wood Push Handle. Reed Work is finished, shellacked and varnished.**

This Chair is similar to the World's Fair Rolling Chair. It is lighter, and has ten-inch front wheels that run in a straight line. Body is made of the best grade of prime India Reeds, and has an hygienic close-woven cane seat. It has two elliptic springs, made of the best quality of spring steel, and extension wood push handle. Push handles are so constructed that a little pressure on same clears the front wheels from the ground, and allows the chair to be turned in a very small space and go over crossings and obstructions very easily.

<b>No. 667X.</b> With Oval Steel Rim Wheels, Plain Bearings.....	<b>\$27 00</b>
<b>No. 668X.</b> With ¾-inch Cushion Tires, Plain Bearings.....	<b>37 00</b>
<b>No. 669X.</b> With 1-inch Cushion Tires, Plain Bearings.....	<b>43 00</b>
Bicycle Ball-Bearings on No. 668 or 669.....	Extra, <b>4 50</b>
Hand Brake. ....	Extra, <b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Height of back from seat.....	27	Inches.
Height of seat from floor.....	21	"
Height of seat from footboard.....	16	"
Height of arms from seat.....	11	"
Depth of seat.....	17	"
Width of seat between arms.....	18½	"
Diameter of rear wheels.....	28	"
Diameter of front wheels.....	8	"
Width over all.....	29	"
Height of dash front from foot-board.....	18	"
Size of foot-board.....	15x20	"
Distance of dash from seat.....	13	"



FIXED ROLLING CHAIR.

With Springs and Extension Wood Push Handle. Reed Work is finished, shellacked and varnished.

This Chair is similar to the World's Fair Chair, except it has a solid-woven front dash, with a continuous reed roll all the way around the body, and is built on much more substantial lines. Body is made of the finest grade of prime India reeds, and has an hygienic close-woven cane seat. The steel construction is mainly of steel tubing and is built by experts. Chair is mounted on two steel elliptic springs, made of the best quality of spring steel, and hand-rims by which occupant can propel the chair backward or forward, and swivel wheels in front so that chair can be turned around in its own space. It is very rich in appearance and is exceptionally comfortable; a chair that is sure to please the most fastidious.

No. 676X. With Oval Steel Rim Wheels, Plain Bearings.....	\$42 00
No. 677X. With ¾-inch Cushion Tire Wheels, Plain Bearings.....	54 00
No. 678X. With 1-inch Cushion Tire Wheels, Plain Bearings.....	62 00
Bicycle Ball-Bearings on No. 677X or 678X.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

Height of back from seat.....	27 inches.
Height of seat from floor.....	22 "
Height of seat from foot-board...	16 "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arm.....	18½ "
Diameter of large wheels.....	26 "
Diameter of small wheels.....	8 "
Width over all.....	29 "



**FIXED ROLLING CHAIR.**

With extension wood push handle and steel elliptic springs that absorb the vibration and jarring that is so annoying. Two front swivel wheels that allow the chair to be turned around in its own space. An exceptionally comfortable chair, made of the finest quality of reeds, and finish in light oak. The front is built low to the ground to facilitate occupant entering and leaving chair. It is very similar, although better, than those chairs used at the St. Louis World's Fair. This chair has met with great favor, for it is without doubt the best one on the market for the price.

<b>No. 717.</b> With Oval Steel Rim Wheels.....	\$29 00
<b>No. 718.</b> With ¾-inch Rubber Tires.....	39 00
<b>No. 719.</b> With 1-inch Rubber Tires.....	45 00
Bicycle Ball Bearings on No. 718 or 719.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.



DIMENSIONS.

Height of back from seat.....	25½	Inches.
Height of seat from floor.....	23½	"
Height of seat from foot-board...14½		"
Height of arms from seat.....	10½	"
Width of seat between arms....18½		"
Depth of seat.....	17	"
Width of foot-board.....	19	"
Depth of foot-board.....	14½	"
Width over all.....	27	"
Diameter of rear wheels.....	28	"
Diameter of front wheels.....	8	"



FIXED ROLLING CHAIR.

With Springs, Extension Wood Push Handle and Mud Guards. Reed Work is beautifully finished in best shellack and varnish.

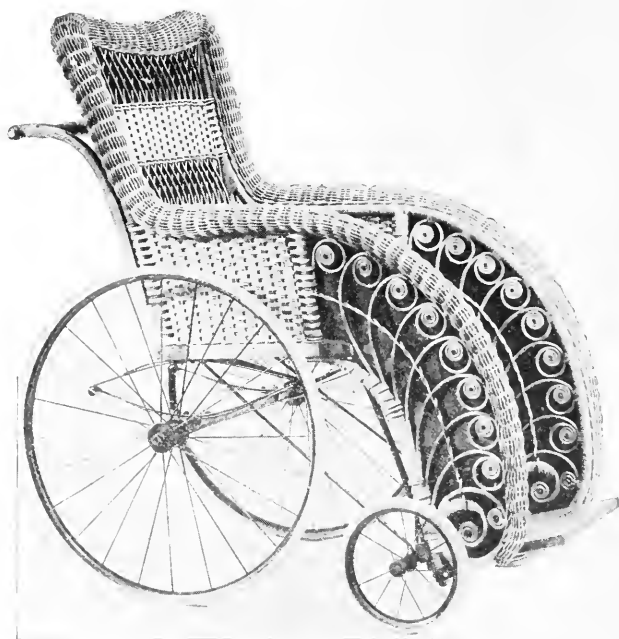
This is our famous World's Fair Chair, seen and used extensively at the St. Louis Exposition. Body is made of the finest grade of prime India Reeds, and has an hygienic close-woven seat. The steel construction is mainly of welded steel tubing. Body is mounted on two elliptic springs of the best spring steel. Has two swivel wheels in front, so that the chair can be easily turned and guided. This chair is very rich in appearance and exceptionally comfortable, being large and roomy. A very fine out-door chair.

No. 673. With Oval Steel Rim Wheels.....	\$34 00
No. 674. With ¾-inch Cushion Tire Wheels.....	46 00
No. 675. With 1-inch Cushion Tire Wheels.....	54 00
Bicycle Ball-Bearings on No. 674 or 675.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

Height of back from seat.....	23 inches.
Height of seat from floor.....	21 "
Height of seat from foot-board....	17½ "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	26 "
Diameter of small wheels.....	10 "
Width over all.....	29 "



**FIXED ROLLING CHAIR.**

This chair will meet with great favor, for it is a very practical one. The gear is sufficiently braced, the front wheels run in a straight line. It has steel elliptic springs that absorb the vibration and jarring that is so annoying. Has extension wood push handle and folding foot-board to allow occupant to conveniently enter and leave chair. Is made large and roomy and will give much comfort and pleasure.

No. 704. With Oval Steel Rim Wheels.....	\$38 00
No. 705. With ¾-inch Rubber Tires.....	48 00
No. 706. With 1-inch Rubber Tires.....	55 00
Bicycle Ball-Bearings on No. 705 or 706.....	Extra, 4 50
Hand Brake. ....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Height of back from seat.....	28 inches.
Height of seat from floor.....	21 "
Height of seat from foot-board...17½	"
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	26 "
Diameter of small wheels.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

With Springs. Reed Work is finished, shellacked and varnished.

It is made with side-rolls to protect the clothing of the occupant from coming in contact with the wheels. Furnished with folding foot-board to facilitate entering and leaving chair. The chair is a very popular one, especially for rheumatic and paralytic patients. Body is made of the best grade of prime India reeds, and has hygienic close-woven cane-seat. Has two elliptic springs, made of the best quality of spring steel. The chair is equipped with hand-rims and a swivel wheel in the rear, so that chair can be turned in its own space and easily propelled by the occupant if desired.

No. 670. With Oval Steel Rim Wheels, Plain Bearings.....	\$36 00
No. 671. With ¾-inch Cushion Tires, Plain Bearings.....	46 50
No. 672. With 1-inch Cushion Tires, Plain Bearings.....	53 00
Bicycle Ball-Bearings on No. 671 or 672.....	Extra, 3 75
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Heighth of back from seat.....	27 inches.
Height of seat from floor.....	22 "
Height of seat from foot-board.....	19 "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	19 "
Diameter of rear wheels.....	26 "
Diameter of front wheels.....	10 "
Width over all.....	27 "



FIXED ROLLING CHAIR WITH REED BODY AND OAK LEG-REST.

With two Steel Elliptic Springs, as illustrated.

This is a very popular outdoor rolling chair. It is a very light chair and is easily handled. Has 10-inch front wheels that run in a straight line. Body is made of the best grade of prime India reeds, and has an hygienic close-woven cane seat. Springs are made of the finest quality of spring steel, and make this chair exceptionally comfortable. The front is made of oak (with a rubbed and polished finish), filled with cane-work, as illustrated. The foot-board can be laid flat against the leg rest to facilitate entering or getting out of chair, and is especially desirable for rheumatic and paralytic patients. This chair is so constructed that a little pressure on the back clears the front wheels from the ground and allows the chair to be turned in a very small space and go over crossings and obstructions very easily.

No. 658. With Oval Steel Rim Wheels, Plain Bearings.....	\$25 00
No. 659. With ¾-inch Cushion Tires, Plain Bearings.....	37 00
No. 660. With 1-inch Cushion Tires, Plain Bearings.....	45 00
Bicycle Ball-Bearings on No. 659 or 660.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Height of back from seat.....	27	Inches.
Height of seat from floor.....	22	"
Height of seat from foot-board....	19	"
Height of arms from seat.....	11	"
Depth of seat.....	17	"
Width of seat between arms.....	19	"
Diameter of rear wheels.....	28	"
Diameter of front wheels.....	14	"
Width over all.....	29	"



FIXED ROLLING CHAIR.

An exceptionally well made and comfortable reed chair. With folding foot-board and extension wood push handle, with steel elliptic springs that absorb the vibration and jarring so annoying to invalids. This chair is built for hard usage, and owing to the large 14-inch front wheels, which run in a straight line, the chair will travel over ordinary obstructions without jarring the occupant.

No. 661. With Oval Steel Rim Wheels.....	\$28	00
No. 662. With ¾-inch Rubber Tires.....	40	00
No. 663. With 1-inch Rubber Tires.....	48	00
Bicycle Ball-Bearings on No. 662 or 663.....	Extra,	4 50
Hand Brake. ....	Extra,	3 00

**DIMENSIONS.**

Height of back from seat.....	27 inches.
Height of seat from floor.....	20 "
Height of seat from foot-board....	19 "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	17¼ "
Diameter of front wheels.....	26 "
Diameter of rear wheel.....	10 "
Width over all.....	29 "



**FIXED ROLLING CHAIR.**

With rear swivel wheel and folding foot-board. Furnished regularly with hand-rims on large wheels, that will allow patient to propel chair forward and backward, or turn in either direction at will. This chair has met with great favor. It is without doubt one of the most comfortable and easily handled rolling chairs ever produced.

<b>No. 664.</b> With Oval Steel Rim Wheels.....	\$29 00
<b>No. 665.</b> With ¾-inch Rubber Tires.....	39 50
<b>No. 666.</b> With 1-inch Rubber Tires.....	45 50
Bicycle Ball-Bearings on No. 665 or 666.....	Extra, 3 75
Hand Brake.....	Extra, 3 00
Steel Elliptic Springs.....	Extra, 2 50

# DIMENSIONS.

Height of back from seat.....	28 inches.
Height of seat from floor.....	20 "
Height of seat from footboard.....	17½ "
Height of arms from seat.....	11 "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



## FIXED ROLLING CHAIR.

With rear swivel wheel and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. A very handsome design in reed that is very comfortable. A chair that has met with immediate popularity, owing to its graceful outlines.

<b>No. 884.</b> With Oval Steel Rim Wheels.....	\$29 00
<b>No. 885.</b> With ¾-inch Rubber Tires.....	39 50
<b>No. 886.</b> With 1-inch Rubber Tires.....	45 00
Bicycle Ball-Bearings on No. 885 or 886.....	Extra, 3 75
Hand Brake. ....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

# DIMENSIONS.

Height of back seat.....	27½ inches.
Height of seat from floor.....	20 "
Height of seat from foot-board.....	17½ "
Height of arms from seat.....	10 "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	26 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



## FIXED ROLLING CHAIR.

With rear swivel wheel and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has hygienic cane seat. This chair is light, comfortable and easily handled, and has met with great favor.

No. 881. With Oval Steel Rim Wheels.....	\$23 00
No. 882. With ¾-inch Rubber Tires.....	35 00
No. 883. With 1-inch Rubber Tires.....	40 00
Bicycle Ball-Bearings on No. 882 or 883.....	Extra, 3 75
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

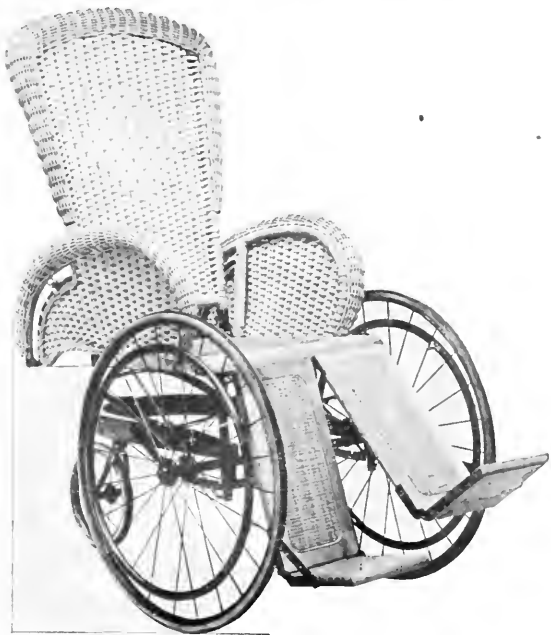
The above Chairs can be equipped with Canopy Top and Cushions.



Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions

DIMENSIONS.

Height of back from seat.....	32	Inches.
Height of back from floor.....	22	"
Height of seat from foot-board....	18	"
Height of arms from seat.....	11	"
Depth of seat.....	19	"
Width of seat between arms.....	17	"
Diameter of front wheels.....	26	"
Diameter of rear wheel.....	40	"
Width over all.....	29	"
Length extended.....	72	"
Size of foot-boards.....	8 1/2 x 7	"



RECLINING ROLLING CHAIR.

With reclining back and two-piece independent adjustable leg-rest, which is fully described in our introductory.

Reed body is finished, shellacked and varnished.

Mounted on steel elliptic springs.

This is a very popular chair for both indoor and street use. The reclining back as well as the leg-rests can be easily operated by the occupant. The leg-rests are adjustable and are entirely independent of each other, and together they have all the advantages of the single leg-rest, and they may be worked just as well that way if desired. For a patient more disabled in one leg than in the other, and even for one not so disabled, it offers relief to change the position of the legs as fell as the back at will. Seat and leg-rests are filled with hygienic cane-weaving. Has rear swivel wheel, with hand-rims attached to both large wheels, which enable occupant to turn the chair in its own space.

No. 628. With Oval Steel Rim Wheels, Plain Bearings.....	\$40 50
No. 629. With 3/4-inch Cushion Tire Wheels, Plain Bearings.....	51 00
No. 630. With 1-inch Cushion Tire Wheels, Plain Bearings.....	57 50
Bicycle Ball-Bearings on No. 629 or 630.....	Extra, 3 75
Hand Brake. ....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	19	19
Height of seat from foot-board..	16½	16½
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat.....	19	17
Diameter of large wheels.....	26	26
Diameter of small wheels.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



**RECLINING ROLLING CHAIR.**

This chair is one of the best made oak reclining chairs on the market. Back, seat and leg-rest filled with three-ply veneer. We doubt if there is a similar chair that would equal it in quality. Note carefully the very low prices we quote. It has our improved curved reclining back that is a perfect fit to the human body. It is equipped with our latest improved reclining device, which is so constructed that by simply turning a thumb-screw and by bringing a slight pressure to bear on the back, the occupant can assume any desired position without assistance. The foot-board is adjustable and can be laid flat against the leg-rest to facilitate entering or leaving the chair.

<b>No. 601.</b>	With Oval Steel Rim Wheels.....	<b>\$19 00</b>
<b>No. 602.</b>	With ¾-inch Cushion Tires.....	<b>29 00</b>
<b>No. 602½.</b>	With 1-inch Cushion Tires.....	<b>34 00</b>
Bicycle Ball-Bearings on No. 602 or 602½.....	Extra,	<b>3 75</b>
Hand Rims. ....	Extra,	<b>2 50</b>
Hand Brake. ....	Extra,	<b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21½	21½
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat.....	19	17
Diameter of large wheels.....	26	26
Diameter of small wheel.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

**With Steel Elliptical Springs.**

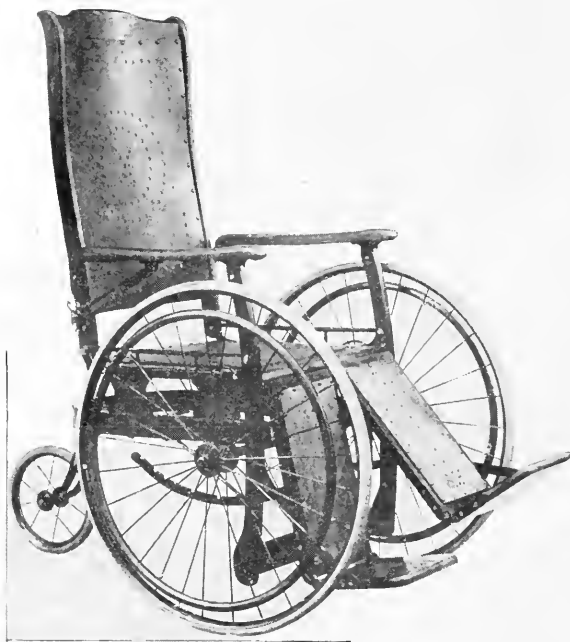
This is a very popular chair and is one of our big values in cheap chairs. The construction throughout is exactly the same as that described in our chair No. 601-2-2½, except in addition it is furnished with steel elliptic springs, as illustrated, which makes the chair extremely comfortable and is therefore recommended for nervous or paralytic patients.

No. 603. With Oval Steel Rim Wheels.....	\$21 50
No. 604. With ¾-inch Cushion Tires.....	31 50
No. 604½. With 1-inch Cushion Tires.....	36 50
Bicycle Ball-Bearings on No. 604 or 604½.....	Extra, 3 75
Hand Rims.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Length of leg-rest from seat		
when down.....	17	17
Length of leg-rest from seat		
when up.....	24½	24½
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27



RECLINING ROLLING CHAIR.

With two-piece independent divided adjustable leg-rest, which is fully described in our introductory. Has rear swivel wheel. Back, seat and leg-rests filled with three-ply veneer, varnished. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. This is without doubt the lowest priced chair in this style construction ever put on the market. A chair that will give the best of service, and one that will please both in appearance and practicability.

No. 890. With Oval Steel Rim Wheels.....	\$25 50
No. 891. With ¾-inch Rubber Tires.....	36 50
No. 892. With 1-inch Rubber Tires.....	41 50
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

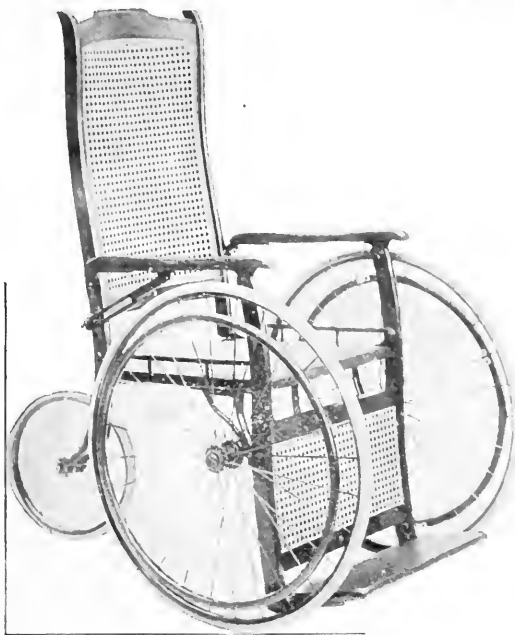
If wanted without hand rims, \$2.50 less.

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	14	14
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



RECLINING ROLLING CHAIR.

Swivel Wheel of Large Diameter.

This is one of our most popular styles of Reclining Invalids' Chairs. We particularly recommend it as being one of the easiest running chairs on the market, because of its large swivel wheel in the rear. Chair is made of oak, with a rubbed and polished finish. Filled with hygienic cane webbing, as shown in cut. Has the improved curved reclining back that is a perfect fit to the human body, and for comfort cannot be excelled, as it is well proportioned. It is equipped with our improved patented reclining device, by which the occupant can assume any desired position without assistance. The foot-board is adjustable, and can be laid flat against the leg-rest to facilitate entering or leaving the chair. This is a great comfort for rheumatic or paralytic patients. Chair equipped with hand-rims, enabling the occupant to turn it in its own space, or propel same forward or backward at will.

- No. 605. With Oval Steel Rim Wheels, Plain Bearings.....\$23 00
- No. 606. With ¾-inch Cushion Tires, Plain Bearings.....33 50
- No. 607. With 1-inch Cushion Tires, Plain Bearings.....40 50
- Bicycle Ball-Bearings on No. 606 or 607.....Extra 3 75
- Hand Brake.....Extra 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Narrow Inches Inches	
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9 ½	9 ½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

**With Bow Frame, no Springs, and one Rear Swivel Wheel.**

This is one of our popular Oak Reclining Invalid Chairs. It is easily handled by the occupant, as it is equipped with hand-rims that allow patient to turn the chair in its own space, or propel it in any direction desired. This Chair is made with a one-piece U frame under the seat. It is strongly braced, and will appeal to all as an exceptionally durable chair. Chair is made of oak, rubbed and polished finish. Filled with hygienic cane webbing, as shown in cut. Has our improved curved reclining back, that is a perfect fit to the human body. It is equipped with our latest improved reclining device, which is so constructed that by simply turning a thumb-screw and by bringing a slight pressure to bear against the back, the occupant can assume any desired position without assistance. The foot-board is adjustable and can be laid flat against the leg-rest to facilitate entering or leaving the chair. This will appeal to rheumatic and paralytic patients, as it is a great convenience.

<b>No. 608.</b> With Oval Steel Rim Wheels, Plain Bearings.....	\$24 00
<b>No. 609.</b> With ¾-inch Cushion Tires, Plain Bearings.....	34 50
<b>No. 610.</b> With 1-inch Cushion Tires, Plain Bearings.....	41 00
Bicycle Ball Bearings on No. 609 or 610.....	Extra, 3 75
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21½	21½
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



RECLINING ROLLING CHAIR.

With rear swivel wheel and steel elliptic springs which absorb the vibration and jarring so annoying to invalids. Furnished regularly with hand-rims on large wheels, that will allow patient to propel chair forward and backward, or turn in either direction at will.

- No. 611. With Oval Steel Rim Wheels.....\$26 50
- No. 612. With ¾-inch Rubber Tires.....37 00
- No. 613. With 1-inch Rubber Tires.....43 50
- Bicycle Ball-Bearings on No. 612 or 613.....Extra, 3 75
- Hand Brake. ....Extra, 3 00

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21½	21½
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

**With Steel Elliptic Springs and Two Rear Swivel Wheels.**

This is a very popular reclining Invalid Chair. It is easy running, and we highly recommend it for extremely nervous and paralytic patients, as the two rear swivel wheels give the patient a feeling of greater security than a chair with only one rear wheel. Chair is made of oak, with a rubbed and polished finish. Fitted with hygienic cane webbing, as shown in cut. Has our improved curved reclining back that is a perfect fit to the human body, and cannot be excelled for comfort, as it is well proportioned. It is equipped with our improved patented reclining device, which is so constructed that by simply turning a thumb-screw, and by bringing a slight pressure to bear against the back, the occupant can assume any desired position without assistance. The foot-board is adjustable, and can be laid flat against the leg-rest to facilitate entering or leaving the chair. This is a great comfort for rheumatic or paralytic patients. Chair is equipped with hand-rims, enabling the occupant to turn the chair in its own space or propel same forward or backward at will. Springs are made of the finest quality of spring steel.

<b>No. 614.</b> With Oval Steel Rim Wheels, Plain Bearings.....	\$28 50
<b>No. 615.</b> With ¾-inch Cushion Tires, Plain Bearings.....	41 00
<b>No. 616.</b> With 1-inch Cushion Tires, Plain Bearings.....	48 50
Bicycle Ball-Bearings on No. 615 or 616.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.



**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9 ½	9 ½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

Exactly the same as our Chair No. 608-9-10, except that it is furnished with wood wheels fitted with neat steel hub caps and bands of our own design. We recommend our steel suspension wheels as being vastly superior to wood wheels, even though one cannot afford the luxury of rubber tires, but when desired we are prepared to furnish 28-inch wood wheels that are well made.

**No. 617.** Large wheels wood, rear swivel wheel of oval steel.....\$24 50  
Hand Brake. ....Extra, 3 00

DIMENSIONS.

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	22	22
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



RECLINING ROLLING CHAIR.

Exactly the same as our Chair No. 611-12-13, except that it is furnished with wood wheels fitted with neat steel hub caps and bands of our own design. We recommend our steel suspension wheels as being vastly superior to wood wheels, even though one cannot afford the luxury of rubber tires, but when desired we are prepared to furnish 28-inch wood wheels that are well made.

No. 618. Large wheels wood, rear swivel wheel of oval steel.....\$27 00  
Hand Brake. ....Extra, 3 00

Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions

#### DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	22½	22½
Height of seat from foot-board..	18	18
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



#### RECLINING ROLLING CHAIR.

With Commode Attachment and Sliding Seat, as illustrated in cut above,

With Steel Elliptic Springs, Two Rear Swivel Wheels and Hand-Rims on Large Wheels.

This Chair is exactly the same as our No. 614-5-6, except it is equipped with our very superior hygienic commode attachment. When the commode is not in use it is detachable, so that the above chair will look like No. 614-5-6. Our commode attachment is a very superior one, as it is not stationary and does not have that clumsy appearance so common on other commodes now on the market. Read carefully our introductory remarks regarding the convenience and popularity of our commode.

No. 619. With Oval Steel Rim Wheels, Plain Bearings.....	\$32 50
No. 620. With ¾-inch Cushion Tires, Plain Bearings.....	46 00
No. 621. With 1-inch Cushion Tires, Plain Bearings.....	52 50
Bicycle Ball-Bearings on No. 620 or 621.....	Extra, 4 50
Hand Brake. ....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from footboard..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

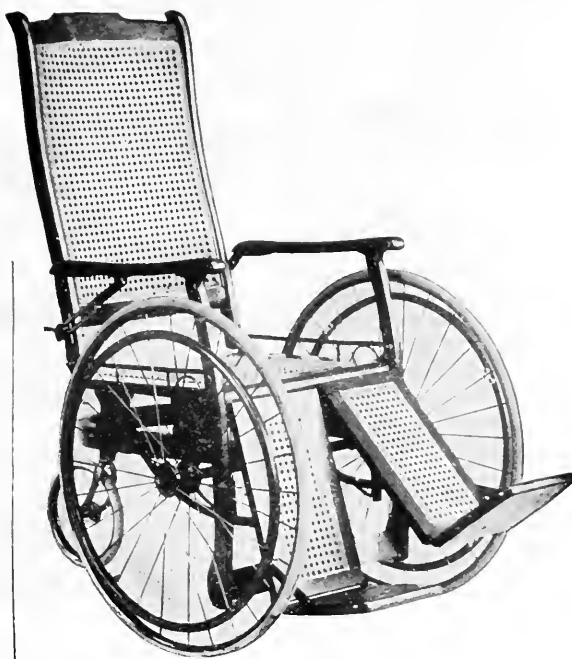
**With One-Piece Adjustable Leg-Rest.**

Has our improved reclining back, that is a perfect fit to the human body. It is equipped with our latest improved reclining device, which is so constructed that by simply turning a thumb-screw, and by bringing a slight pressure to bear against the back, the occupant can assume any desired position without assistance. Has rear swivel wheel, and hand-rims on large wheels, which allow chair to be turned in its own space.

<b>No. 622.</b> With Oval Steel Rim Wheels.....	<b>\$29 00</b>
<b>No. 623.</b> With ¾-inch Cushion Tires.....	<b>39 50</b>
<b>No. 624.</b> With 1-inch Cushion Tires.....	<b>46 00</b>
Bicycle Ball-Bearings on No. 623 or 624.....	Extra, <b>3 75</b>
Hand Brake.....	Extra, <b>3 00</b>
Steel Elliptic Springs.....	Extra, <b>2 50</b>

**DIMENSIONS.**

	Wide Narrow Inches Inches	
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from footboard..	17	17
Length of leg-rest from seat		
when down.....	17	17
Length of leg-rest from seat		
when up.....	24½	24½
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



**RECLINING ROLLING CHAIR.**

**With Two-Piece Independent Adjustable Leg-Rest.**

This is one of our most popular chairs for both indoor and street use. The reclining back, as well as the divided leg-rest, can be easily operated by the occupant. The leg-rest is adjustable and is fully described in our introductory. The back is curved, and is a perfect fit to the human body. Equipped with hand-rims so chair can be turned in its own space, and can be propelled in any direction by occupant. Chair is made of oak, with a rubbed and polished finish, filled with hygienic cane webbing, as shown in cut.

<b>No. 625.</b> With Oval Steel Rim Wheels, Plain Bearings.....	<b>\$31 50</b>
<b>No. 626.</b> With ¾-inch Cushion Tires, Plain Bearings.....	<b>42 00</b>
<b>No. 627.</b> With 1-inch Cushion Tires, Plain Bearings.....	<b>48 50</b>
Bicycle Ball-Bearings on No. 626 or 627.....	Extra, <b>3 75</b>
Steel Elliptic Springs.....	Extra, <b>2 50</b>
Hand Brake.....	Extra, <b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Length of leg-rest from seat when down.....	17	17
Length of leg-rest from seat when up.....	24½	24½
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

With table, has two-piece divided independent adjustable leg-rest, which is fully described in our introductory. We call particular attention to table shown in illustration, which enables one to enjoy a great deal of comfort, for it can be attached or detached very conveniently. The size of the table is 15-inch by 24-inch, made of oak with a raised edge to prevent articles falling off. We highly recommend this chair as a most useful and serviceable one. Has rear swivel wheel, and furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

<b>No. 893.</b> With Oval Steel Rim Wheels.....	<b>\$34 50</b>
<b>No. 894.</b> With ¾-inch Rubber Tires.....	<b>45 00</b>
<b>No. 895.</b> With 1-inch Rubber Tires.....	<b>51 50</b>
Bicycle Ball Bearings on No. 894 or 895.....	Extra, 3 75
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	22	22
Height of seat from foot-board..	17	17
Height of arms from seat.....	9 ½	9 ½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	26	26
Diameter of small wheels.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



COMBINATION RECLINING HOUSE AND STREET CHAIR.

This chair combines all the conveniences of our reclining house chairs, but has a running gear that is especially adapted for out-door use. The steel gear is thoroughly braced, and the front wheels run in a straight line. Has folding foot-board, steel elliptic springs that absorb the vibration and jarring so annoying, also extension wood push handle, furnished regularly. This chair is recommended for very hard service.

- No. 896. With Oval Steel Rim Wheels.....\$28 00
- No. 897...With ¾-inch Rubber Tires..... 40 00
- No. 898. With 1-inch Rubber Tires..... 48 00
- Bicycle Ball-Bearings on No. 897 or 898.....Extra, 4 50
- Hand Brake. ....Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	24	24
Height of seat from adjustable foot-rest.....	16	16
Height of seat from stationary foot-rest.....	18	18
Height of stationary foot-rest from floor.....	6 1/2	6 1/2
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Height of seat from arms.....	9 1/2	9 1/2
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



**COMBINATION RECLINING HOUSE AND STREET CHAIR.**

**With Stationary 10-inch Front Wheels that run in straight line. With Steel Elliptic Springs.**

In the above we have turned out a very superior chair, and one that is sure to meet with great success. The body is made of oak, with a rubbed and polished finish. Frame work is filled with hygienic cane-work, as shown in cut, and has our improved curved back that is a perfect fit to the human body. The foot-board is adjustable and can be laid flat against the leg-rest to facilitate entering or leaving the chair. This is a great convenience for rheumatic and paralytic patients.

The stationary foot-board is very strongly braced, and is held in place by steel tubing. As the front wheels run on a straight line (not swivel), street crossings and obstructions of all kinds can be easily crossed. The chair is well balanced, and by bringing a slight pressure to bear on the back, the front wheels will clear the ground and allow chair to be turned in a very small space.

No. 631. With Oval Steel Rim Wheels.....	\$30 00
No. 632. With 3/4-inch Cushion Tires.....	42 00
No. 633. With 1-inch Cushion Tires.....	50 00
Bicycle Ball-Bearings on No. 632 or 633.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.



DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	23½	23½
Height of seat from foot-board..	16	16
Height of seat from arms.....	9½	9½
Width of seat between arms.....	19	17
Depth of seat.....	20	20
Diameter of large wheels.....	28	28
Diameter of front wheels.....	8	8
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



COMBINATION RECLINING HOUSE AND STREET CHAIR.

With Front Swivel Wheels and Steel Elliptic Springs.

This chair has resulted from many years of experience and practical study applied to the production of a combination reclining house and street chair. It embodies all the features necessary to give perfect comfort in the most exacting case of invalidism. The body is constructed entirely of oak, with a rubbed and polished finish. Body is filled with hygienic cane webbing, as shown in cut. The foot-board can be laid flat against the leg-rest if desired. The elliptic springs are made of the finest quality of spring steel, and add much to the comfort of the occupant. The steel construction is mainly of steel tubing, and is built by experts. Has swivel wheels in front, so that the chair can be turned around in its own space. The chair, as well as the steel construction work underneath the body, is strongly braced, and is built on scientific lines throughout.

No. 634...With Oval Steel Rim Wheels.....	\$33 00
No. 635. With ¾-inch Cushion Tires.....	45 00
No. 636. With 1-inch Cushion Tires.....	53 00
Bicycle Ball-Bearings on No. 635 or 636.....	Extra, 4 50
Hand Brake. ....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21	21
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	20	20
Diameter of small wheels.....	8	8
Width over all.....	29	27

Be sure and state if drop arm is wanted for left hand or right when sitting in chair. Unless specified, right drop, as illustrated, will be shipped.



**RECLINING ROLLING CHAIR.**

With adjustable drop arm, as illustrated. The utility of this device is readily apparent. Invalids who are bedridden can now enjoy a change, for the chair is so constructed that it can be used in handling extremely delicate invalids. In addition to the drop arm, the back can be reclined, the leg-rests and the foot-board extended so that the chair is on a perfect level with the bed, and can be adjusted at an angle to suit the convenience of the patient. Equipped with steel elliptic springs that absorb the vibration and jarring that is so annoying, and has two rear swivel wheels that give the patient an added feeling of security.

<b>No. 701.</b> With Oval Steel Rim Wheels.....	<b>\$30 00</b>
<b>No. 702.</b> With ¾-inch Rubber Tires.....	<b>40 00</b>
<b>No. 703.</b> With 1-inch Rubber Tires.....	<b>45 00</b>
Bicycle Ball-Bearings on No. 702 or 703.....	Extra, <b>4 50</b>
Hand Brake. ....	Extra, <b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.

**Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions**

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	23½	23½
Height of seat from foot-board..	17½	17½
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	24	24
Diameter of small wheel.....	14	14
Width over all.....	29	27



**RECLINING ROLLING CHAIR.**

**With Reclining Back and other Adjustments, same as Chair No. 608-9-10.**

In addition to which it is equipped with ADJUSTABLE DROP ARM AS ILLUSTRATED IN CUT. This makes it a very popular chair, for it can be used to very good advantage in handling delicate invalids; by dropping the arm, there is no obstruction in lifting the invalid into the chair directly from the bed.

- No. 637.** With Oval Steel Rim Wheels.....\$25 00
- No. 638.** With ¾-inch Cushion Tires..... 35 50
- No. 639.** With 1-inch Cushion Tires..... 42 00
- Bicycle Ball-Bearings on No. 638 or 639.....Extra, 3 75
- Steel Elliptic Springs.....Extra, 2 50
- Hand Brake.....Extra, 3 00

We recommend springs, commode and two-piece independent adjustable leg-rest. Read introductory regarding them.

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20½	20½
Height of seat from foot-board..	17	17
Height of seat from arms.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	10	10
Diameter of small wheel.....	8	8
Width over all.....	27	25



RECLINING ROLLING CHAIR.

With rear swivel wheel and steel elliptic springs that absorb the vibration and jarring so annoying to invalids. This makes a very desirable house chair, and is very convenient for a sick room because of the small wheels, which enable one to move this chair about very easily; in fact, chair can be turned around in its own space.

- No. 640.** With Oval Steel Rim Wheels.....\$23 00  
**No. 641.** With ¾-inch Cushion Tires..... 28 00  
**No. 642.** With 1-inch Cushion Tires..... 31 00  
Bicycle Ball Bearings on No. 641 or 642.....Extra, 3 75  
Hand Brake.....Extra, 3 00

We recommend commode attachment and two-piece independent adjustable leg-rest. (See introductory.)

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Height of back from seat.....	25 inches.
Height of seat from floor.....	20½ "
Height of seat from foot-board.....	17 "
Height of arm from seat.....	8½ "
Depth of seat.....	18 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	26 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

With rear swivel wheel and folding foot-board. A very comfortable and roomy chair that has met with great favor. Seat is filled with hygienic cane webbing.

No. 643. With Oval Steel Rim Wheels.....	\$17 50
No. 644. With ¾-inch Rubber Tires.....	29 00
No. 645. With 1-inch Rubber Tires.....	34 00
Bicycle Ball-Bearings on No. 644 or 645.....	Extra, 3 75
Hand-rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.....	Extra, 2 50
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

**DIMENSIONS.**

Height of back from seat.....	20½ inches.
Height of seat from floor.....	21 "
Height of seat from foot-board..	17¾ "
Height of arms from seat.....	9¾ "
Depth of seat.....	18 "
Width of seat between arms....	18¾ "
Diameter of front wheels.....	28 "
Diameter of rear wheel.....	10 "
Width over all.....	29 "



**FIXED ROLLING CHAIR.**

**With Bow Frame, no Springs, and One Rear Swivel Wheel.**

This chair is a very comfortable one, being large and roomy, with a curved back, and is a perfect fit for the body. It is easily handled by the occupant, as it is equipped with hand-rims that allow patient to turn the chair in its own space, and propel it in any direction desired. Its low stationary back gives the upper part of the body free action. This chair is made with bow frame under the seat. It is strongly braced, and built to stand hard usage and also look well. The chair is made of oak, rubbed and polished finish. Filled with hygienic cane webbing, as shown in cut, making a very light and durable Rolling Chair. The foot-board is adjustable and can be laid flat against the leg-rest to facilitate entering and leaving the chair. This will appeal to rheumatic and paralytic patients, as it is a great convenience.

<b>No. 616.</b> With Oval Steel Rim Wheels, Plain Bearings.....	<b>\$21 00</b>
<b>No. 647.</b> With ¾-inch Cushion Tires, Plain Bearings.....	<b>32 50</b>
<b>No. 648.</b> With 1-inch Cushion Tires, Plain Bearings.....	<b>38 50</b>
Bicycle Ball-Bearings on No. 647 or 648.....	Extra, <b>3 75</b>
Steel Elliptic Springs on above Chair.....	Extra, <b>2 50</b>
Hand Brake. ....	Extra, <b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	30	30
Height of seat from floor.....	23	23
Height of seat from foot-board..	19	19
Height of arms from seat.....	9	9
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



FIXED ROLLING CHAIR.

With rear swivel wheel and folding foot-board. A most comfortable chair in every respect. Furnished regularly with hand-rims on large wheels, that will allow patient to propel chair forward and backward, or turn in either direction at will. Also steel elliptic springs, that absorb the vibration and jarring so annoying to invalids.

- No. 649. With Oval Steel Rim Wheels.....\$27 50
- No. 650. With ¾-inch Rubber Tires..... 39 00
- No. 651. With 1-inch Rubber Tires..... 43 00
- Bicycle Ball-Bearings on No. 650 or 651.....Extra, 3 75
- Hand Brake. ....Extra, 3 00

If wanted without springs, \$2.50 less.

**DIMENSIONS.**

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	30	30
Height of seat from floor.....	23½	23½
Height of arms from seat.....	9	9
Height of seat from foot-board..	15	15
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	8	8
Width over all.....	29	27
Depth of seat.....	20	20
Unless specified otherwise, wide chair will be shipped.		



**FIXED ROLLING CHAIR.**

With two front swivel wheels, that make this chair easily handled and reliable and very popular either for house or street use. Has steel elliptic springs and hand-rims; otherwise exactly the same as our No. 649-50-51.

<b>No. 652.</b> With Oval Steel Rim Wheels.....	<b>\$30 00</b>
<b>No. 653.</b> With ¾-inch Rubber Tires.....	<b>42 00</b>
<b>No. 645.</b> With 1-inch Rubber Tires.....	<b>50 00</b>
Bicycle Ball-Bearings on No. 653 or 654.....	Extra, <b>4 50</b>
Hand Brake. ....	Extra, <b>3 00</b>

The above Chairs can be equipped with Canopy Top and Cushions.



# DIMENSIONS.

	Wide Size Inches	Narrow Size Inches
Height of back from seat.....	31	31
Height of seat from foot-board..	19	19
Height of seat from floor.....	23	23
Height of arms from seat.....	9	9
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of rear wheels.....	28	28
Diameter of front wheels.....	14	14
Width over all.....	29	27
Unless specified otherwise, wide chair will be shipped.		



## FIXED ROLLING CHAIR.

With two Steel Elliptic Springs, as illustrated.

This is another one of our very popular outdoor chairs. Constructed entirely of oak, rubbed and polished. The entire chair is filled with hygienic cane webbing, as illustrated. Has steel elliptic springs made of the finest quality of spring steel. The foot-board can be laid flat against the leg-rest to facilitate entering and getting out of chair, and is especially desirable for rheumatic and paralytic patients. Has our latest improved curved back that is a perfect fit to the human body. The front wheels are stationary, and run in a straight line. Chair is so constructed that a little pressure on same clears the front wheels from the ground, and allows the chair to be turned in a very small space and go over crossings and obstructions very easily.

No. 655. With Oval Steel Rim Wheels, Plain Bearings.....	\$30 00
No. 656. With $\frac{3}{4}$ -inch Cushion Tires, Plain Bearings.....	42 00
No. 657. With 1-inch Cushion Tires, Plain Bearings.....	48 00
Bicycle Ball-Bearings on No. 656 or 657.....	Extra, 4 50
Hand Brake.....	Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

**DIMENSIONS.**

Height of back from seat.....	25 inches.
Height of seat from floor.....	21½ "
Height of seat from foot-board....	17 "
Height of arms from seat.....	8½ "
Depth of seat.....	18 "
Width of seat between arms.....	17 "
Diameter of rear wheel.....	10 "
Diameter of front wheels.....	28 "
Width over all.....	30 "



Exactly the same as No. 643-4-5, except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. A well constructed and durable chair that has met with great favor on account of the low price.

- No. 679X.** With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels, plain bearings in small wheel.....\$30 00
- No. 680X.** With ¾-inch Rubber Tires and full bicycle ball-bearings in all wheels... 41 50
- No. 681X.** With 1-inch Rubber Tires and full bicycle ball-bearings in all wheels...46 50
- Steel Elliptic Springs. ....Extra, 2 50
- Hand Brake. ....Extra, 3 00

DIMENSIONS.

Height of back from seat.....	20½	inches.
Height of seat from floor.....	21	"
Height of seat from foot-board.....	17¾	"
Height of arms from seat.....	23½	"
Depth of seat.....	18	"
Width of seat between arms.....	18¾	"
Diameter of rear wheel.....	10	"
Diameter of front wheels.....	28	"
Width over all.....	30	"



SELF-PROPELLING RECLINING ROLLING CHAIR.

This is an easy running, self-propelling Rolling Chair, because of its matchless ball-bearing wheels. It is very comfortable, large and roomy, with a low curved, perfect fit back, which gives free motion to the upper part of the body. This chair is made with our famous bow frame, strongly braced, and is built to stand rough roads and hard usage. It is made of oak, rubbed and polished. The back and seat are filled with our hygienic open cane-work, and the foot-board folds back to facilitate getting in and out of chair. It is so built that it will not tip backward or forward, and the construction throughout is of the highest grade. It is easily propelled by means of cranks and endless chains, each wheel moving independently of the other, thereby making it possible for occupant to turn chair in its own space or go in any direction desired.

- No. 682. With Oval Steel Rim Wheels, and bicycle ball-bearings in both large wheels, plain bearings in rear wheel.....\$33.50
- No. 683. With ¾-inch Cushion Tires, and bicycle ball-bearings in all wheels..... 45 00
- No. 684. With 1-inch Cushion Tires, and bicycle ball-bearings in all wheels..... 51 00
- Steel Elliptic Springs. ....Extra, 2 50
- Hand Brake. ....Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of seat from arms.....	9½	9½
Depth of seat.....	20	20
Width of seat.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	14	14
Width over all.....	31	29
Unless specified otherwise, wide chair will be shipped.		



RECLINING ROLLING CHAIR.

A very easy self-propelling reclining rolling chair, not only because of its matchless bicycle ball-bearing wheels, but also on account of its large swivel rear wheel. The chair is made of oak, rubbed and polished. The back seat and leg-rest are filled with open cane-work, as shown in cut. This chair has our improved curved back and is very comfortable, being a perfect fit to the human body, and well proportioned. The foot-board can be laid flat against the leg-rest to facilitate entering or getting out of chair. The chair is well balanced, so that it cannot tip either forward or backward. The construction throughout is mechanically perfect. It is easily propelled by means of cranks and endless chains, as shown in cut. Each wheel moves independently of the other, thereby enabling the occupant to turn on the spot as well as move in any direction.

- No. 685. With Oval Steel Rim Wheels, and bicycle ball-bearings in both large wheels, plain bearings in the rear wheel.....\$35 50
- No. 686. With ¾--inch Cushion Tires, and bicycle ball-bearings, both front and rear wheels. .... 46 00
- No. 687. With 1-inch Cushion Tires, and bicycle ball-bearings, both front and rear wheels. .... 53 00
- Hand Brake. ....Extra, 3 00

Independent leg-rest can be put on this chair. (See introductory.)  
The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	22	22
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	31	29
Unless specified otherwise, wide chair will be shipped.		



RECLINING ROLLING CHAIR.

Exactly the same as our No. 614-15-16, except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. This high-grade chair meets every demand for strength, comfort and ease of operation.

- No. 688. With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels, plain bearings in small wheels.....\$41 00
  - No. 689. With ¾-inch Rubber Tires and bicycle ball-bearings in all wheels..... 53 50
  - No. 690. With 1-inch Rubber Tires and bicycle ball-bearings in all wheels..... 61 00
  - Hand Brake. ....Extra, 3 00
- Independent leg-rest and commode attachment can be put on this chair. (See introductory.)

The above Chairs can be equipped with Canopy Top and Cushions.

DIMENSIONS.

Height of back from seat.....	20½ inches.
Height of seat from floor.....	22 "
Height of seat from foot-board..	17 "
Height of arms from seat.....	9¾ "
Width of seat between arms.....	18¾ "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

With one-hand self-propelling attachment. A chair that has been the source of great pleasure to many people. The front platform rests on a steel tubing construction, which makes the chair very rigid and durable. A construction that is unequaled. We call particular attention to our introductory regarding the superiority of our self-propelling attachment. Be sure and state if hand propeller is wanted for the left hand or right hand when sitting in chair. Unless specified otherwise, right-hand propeller, as illustrated, will be shipped.

- No. 691. With Oval Steel Rim Wheels, and bicycle ball-bearings in drive wheel only. \$32 00
- No. 692. With ¾-inch Rubber Tires and bicycle ball-bearings in all wheels..... 43 50
- No. 693. With 1-inch Rubber Tires and bicycle ball-bearings in all wheels..... 49 00
- Steel Elliptic Springs. ....Extra, 2 50
- Hand Brake. ....Extra, 3 00

Foot steer, as illustrated on No. 820-1-2, can be furnished without extra charge, instead of hand steer, as shown above.

**Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions**

**DIMENSIONS.**

Height of back from seat.....	31 inches.
Height of seat from floor.....	22 "
Height of seat from foot-board....	18 "
Height of arms from seat.....	8 ½ "
Width of seat between arms.....	17 "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	28 "



**FIXED ROLLING CHAIR.**

**With One-Hand Self-Propelling Adjustment.**

This chair is easy running because of matchless ball-bearing wheels and our many improvements that make it a very comfortable and desirable self-propelling chair. Front platform rests on steel tubing construction. The chair is well proportioned and graceful in appearance. Has steel elliptic springs, which absorb the jarring and vibration so annoying to invalids.

The cut illustrates the right-hand propelling device, but this chair can be equipped with left-hand propelling device if wanted, at the same price. Be sure to state if hand propeller is wanted for left hand or right hand when sitting in chair. Unless otherwise specified, right-hand propeller, as illustrated, will be shipped.

- No. 694.** With Oval Steel Rim Wheels, and ball-bearings in drive wheel only.....**\$38 00**
- No. 695.** With ¾-inch Cushion Tires, and ball-bearings in both front and rear wheels **49 50**
- No. 696.** With 1-inch Cushion Tires, and ball-bearings in both front and rear wheels **55 00**
- Hand Brake. ....Extra, **3 00**

Foot steer, as illustrated on Nos. 823-4-5, can be furnished without extra charge, instead of hand steer, as shown above.

DIMENSIONS.

Height of back from seat.....	20½ inches.
Height of seat from floor.....	22 "
Height of seat from foot-board..	17 "
Height of arms from seat.....	9¾ "
Width of seat between arms.....	18¾ "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

With two-hand self-propelling attachment and foot steering device, body and platform the same as our No. 691-2-3. One of the most practical hand propelled chairs ever produced. The convenience of steering with the foot enables occupant to handle this chair with much ease and comfort. We call particular attention to our introductory regarding the superiority of our self-propelling attachment, which makes this chair so easy running.

- No. 820. With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels, plain bearings in small wheel.....\$37 00
- No. 821. With ¾-inch Rubber Tires and bicycle ball-bearings in all wheels..... 48 50
- No. 822. With 1-inch Rubber Tires and bicycle ball-bearings in all wheels..... 54 00
- Steel Elliptic Springs.....Extra, 2 50
- Hand Brake. ....Extra, 3 00



DIMENSIONS.

Height of back from seat.....	31 inches.
Height of seat from floor.....	22 "
Height of seat from foot-board....	15 "
Height of arms from seat.....	8½ "
Width of seat between arms.....	17 "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	25 "



FIXED ROLLING CHAIR.

With two-hand self-propelling attachment and foot-steering device. Body and platform the same as our No. 694-5-6. One of the most practical hand propelled chairs ever produced. The convenience of steering with the foot enables occupant to handle this chair with much ease and comfort. We call particular attention to our introductory regarding the superiority of our self-propelling attachment, which makes this chair so easy running.

- No. 823. With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels, plain bearings in small wheel.....\$43 00
- No. 824. With ¾-inch Rubber Tires and bicycle ball-bearings in all wheels..... 54 50
- No. 825. With 1-inch Rubber Tires and bicycle ball-bearings in all wheels..... 60 00
- Hand Brake. ....Extra, 3 00

DIMENSIONS.

Height of back from seat.....	24 inches.
Height of seat from floor.....	18 "
Height of arms from seat.....	8 "
Height of seat from foot-board....	14 ½ "
Width of seat.....	15 "
Diameter of rear wheel.....	10 "
Diameter of front wheels.....	24 "
Width over all.....	26 "



CHILD'S RECLINING CHAIR.

With Bow Frame, Steel Springs and One Rear Swivel Wheel.

This is a popular oak reclining chair for children. It can be easily handled by the occupant, as it is equipped with hand-rims that allow the chair to be turned in its own space or be propelled in any direction desired. Springs are made of the finest quality of spring steel. Chair is made of oak, rubbed and polished finish. Filled with hygienic cane webbing, as shown in cut. Has our improved reclining back that is a perfect fit to the human body. It is also equipped with our latest improved reclining device, which is so constructed that by simply turning a thumb-screw and by bringing a slight pressure to bear against the back, the occupant can assume any desired position without assistance. The foot-board is adjustable, and it can be laid flat against the leg-rest to facilitate entering or leaving the chair.

No. 697. With Oval Steel Rim Wheels.....	\$25 50
No. 698. With ¾-inch Cushion Tires.....	35 50
No. 699. With 1-inch Cushion Tires.....	42 00
Bicycle Ball-Bearings on No. 698 or 699.....	Extra, 3 75
Hand Brake. ....	Extra, 3 00

Canopy Top and Cushions can be attached to any of the above Chairs. Without springs, \$2.50 less.

DIMENSIONS.

Height of back from seat.....	24 inches.
Height of seat from floor.....	19 "
Height of seat from foot-board....	14 "
Height of arms from seat.....	9 "
Depth of seat.....	14½ "
Width of seat between arms.....	15½ "
Diameter of rear wheels.....	24 "
Diameter of front wheels.....	8 "
Width over all.....	26 "



CHILD'S FIXED ROLLING CHAIR.

With Springs and Extension Wood Push Handle. Reed Work is finished, shellacked and varnished.

This chair is constructed exactly on the same lines and with the same kind of material as our very popular Chair No. 667-8-9, except that it is made smaller to suit children, or adults of small size.

- No. 801. With Oval Steel Rim Wheels, plain bearings.....\$26 00
- No. 802. With ¾-inch Cushion Tires, plain bearings..... 36 00
- No. 803. With 1-inch Cushion Tires, plain bearings..... 42 50
- Bicycle Ball-Bearings on No. 802 or 803.....Extra, 4 50
- Hand Brake. ....Extra, 3 00

The above Chairs can be equipped with Canopy Top and Cushions.

## FOLDING CHAIR.

Equipped with Wheels and Sliding Foot-Board Attachment, as shown in cut.

This is without doubt the most perfect folding carrying and rolling chair that is now on the market. The chair was constructed to meet the demands for a folding chair on wheels to be used by invalids when traveling. It folds up close, and will stand alone when not in use. Is made of the best hardwood, varnished. It is equipped with an extensible foot-board that is a great comfort for the occupant. It is adjustable, and can be pushed under the chair to facilitate getting in and out of same. It is built so that it will roll down the aisle of a railroad coach very conveniently. As it takes up very little space when folded it can be carried on street-cars, carriages, etc. It is a great convenience to have in the house, and can be used on the veranda or street with great comfort.



- No. 804. With Oval Steel Rim Wheels, plain bearings, F. O. B. Toledo.. \$ 7 50  
 No. 805. With  $\frac{3}{4}$ -inch Cushion Tires, plain bearings. .... 13 50  
 Bicycle Ball-Bearings on No. 805...Extra, 4 50

### DIMENSIONS.

	804-5.	806-7.
	Inches.	Inches.
Height of back from seat..	19 $\frac{1}{2}$	19 $\frac{1}{2}$
Height of seat from floor..	20 $\frac{1}{2}$	20 $\frac{1}{2}$
Height of seat from foot-board. ....	15 $\frac{1}{2}$	15 $\frac{1}{2}$
Height of arms from seat..	8	8
Depth of seat.....	13 $\frac{3}{4}$	13 $\frac{3}{4}$
Width of seat.....	13 $\frac{3}{4}$	13 $\frac{3}{4}$
Diameter of wheels.....	8	8
Width over all.....	21	21 $\frac{1}{2}$
Actual weight, No. 804-5, 25 lbs.		
Actual weight, No. 806-7, 30 lbs.		

## FOLDING CHAIR WITH ARMS.

Equipped with Wheels and Sliding Foot-Board Attachment as shown in cut.

Exactly the same as No. 804-5, except with folding arms. This has been constructed to meet the demand for folding chair on wheels, to be used by invalids when traveling. The arm attachment and extensible foot-board enable the occupant to assume a very comfortable position, and are very desirable when traveling a considerable distance.



- No. 806. With Oval Steel Rim Wheels, plain bearings, F. O. B. Toledo, O. ....\$11.00  
 No. 807. With  $\frac{3}{4}$ -in. Cushion Tires on front and rear wheels, plain bearings. .... 17 00  
 Bicycle Ball-Bearings on No. 807. ....Extra, 4 50

FOLDING CHAIR.

With wheels and sliding foot-board construction, to meet the demands for a traveling chair with cane seat and back. Folds up close and will stand alone when not in use. Is built so it will roll down the aisle of a railroad coach or on board a steamer. When folded is so compact it can be carried on street cars, carriages, etc.

- No. 707. With Oval Steel Rim Wheels, F. O. B. Toledo, O., \$10 00  
No. 708. With ¾-inch Rubber Tires..... 14 00  
No. 709. With 1-inch Rubber Tires..... 19 00  
Bicycle Ball-Bearings on No. 708 or 709..... Extra, 4 50  
Extension wood push handle..... Extra, 1 00

Weight, 25 lbs.

DIMENSIONS.

	707-8-9.	710-11-12
	Inches.	Inches
Height of back from seat.	19	19
Height of seat from floor.	20½	20½
Height of seat from foot-board.	15	15
Height of arms from seat.		8
Depth of seat.....	15	15
Width of seat.....	15	15
Diameter of wheels.....	8	8
Width over all.....	22½	22½
Actual weight, 25 lbs.		

These chairs can only be furnished in dimensions specified.



FOLDING CHAIR.

Exactly the same as our No. 707-08-9, except with folding arms and wood extension push handle, together with rear swivel wheels, so that this chair can be turned around in its own space without lifting the rear wheels off the floor. For convenience and comfort this chair will meet every requirement and give the best of service.

- No. 710. With Oval Steel Rim Wheels... \$15 00  
No. 711. With ¾-in. Rubber Tires..... 22 50  
No. 712. With 1-in. Rubber Tires..... 25 00  
Bicycle Ball-Bearings on No. 711 or 712... Extra, 4 50  
Weight, 35 lbs.



DIMENSIONS.

Height of back from seat.....	25 inches.
Height of seat from floor.....	16 "
Height of arms from seat.....	8½ "
Width of seat.....	22½ "
Depth of seat.....	20 "



REED CARRYING CHAIR.

That enables one to be carried along the level or up and down stairs without tipping the patient. This is done by adjusting the carrying poles at different angles. Chair is exceptionally large and roomy. We recommend the sliding foot-rests, with ball-bearing casters, which enable the occupant to rest the feet and assume a very comfortable position.

- No. 808. As illustrated. ....\$18 50  
No. 809. With sliding foot-board (see No. 810)..... 22 50

**Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions**

**DIMENSIONS.**

Height of back from seat.....	27 inches.
Height of seat from floor.....	16 "
Height of arms from seat.....	10 "
Width of seat.....	22½ "
Depth of seat.....	20 "



**REED CARRYING CHAIR.**

A very elaborate and artistic chair that enables one to be carried along a level, or up and down stairs without tipping the patient. This is done by adjusting the carrying bars at different angles.

- No. S10.** With sliding foot-rests and ball bearing casters.....\$25 50
- No. S11.** Without sliding foot-rests..... 21 50

**DIMENSIONS.**

Height of back from seat.....	19½	inches.
Height of seat from floor.....	20½	"
Height of seat from foot-board..	15½	"
Depth of seat.....	13¾	"
Width of seat.....	13¾	"
Diameter of wheels.....	8	"
Width over all.....	21	"
Actual weight, 35 lbs.		



**FOLDING CARRYING CHAIR.**

Constructed to meet the many demands for a combination folding and carrying chair on wheels to be used by invalids when traveling. It is equipped with an extensible foot-board and is so constructed that it will roll down the aisle of a railway coach or on the deck or a steamer. The carrying bars make it possible to carry the invalid on and off trains or steamers without getting out of chair. If desired, carrying bars can very easily be detached, so that chair can be pushed from place to place.

No. 812. With Oval Steel Rim Wheels.....	\$12 00
No. 813. With ¾-inch Rubber Tires.....	18 00
Bicycle Ball-Bearings on No. 813.....	Extra, 4 50
Arms same as on No. 806-7.....	Extra, 3 50



DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	27½	27..
Height of seat from floor.....	23½	23½
Height of seat from footboard..	15	
Height of arms from seat.....	6½	6½
Depth of seat.....	17	17
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	29	27

Unless specified otherwise wide chair will be shipped.



RECLINING ROLLING CHAIR.

This chair is exactly the same as our very popular Chair No. 614-15-16, fully described on another page, with the addition of a patented three-section cushion made of Bedford cord, and canopy made of ribbon cloth, as illustrated. See introductory for full description and colors of cushions and canopy.

- No. 814. With Oval Steel Rim Wheels.....\$39 50
- No. 815. With ¾-inch Rubber Tires..... 52 00
- No. 816. With 1-inch Rubber Tires..... 59 50
- Bicycle Ball-Bearings on Nos. 815 and 816.....Extra, 4 50
- Hand Brake. ....Extra, 3 00

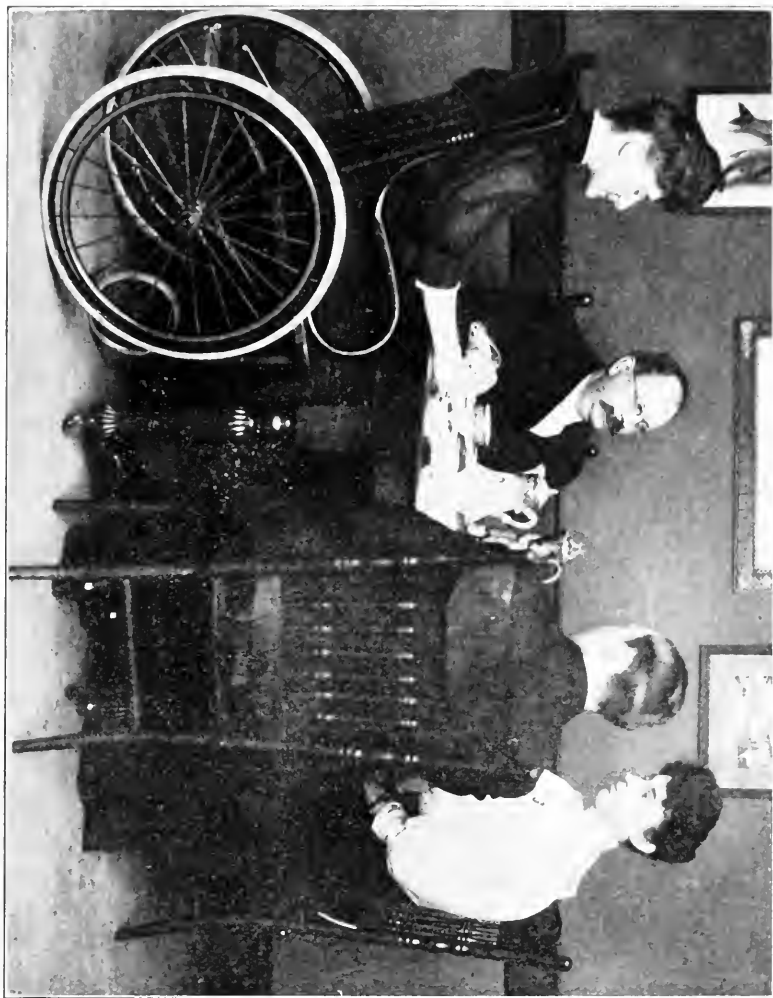
**Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions**

No business man need stay away from his office. Our "IDEAL" chair furnishes every convenience and comfort.

"IDEAL" chairs will go on elevators and enable you to get to your office wherever it is located.



This illustrates our "IDEAL" chair in actual use. An invalid or temporarily disabled business man does not have to be confined to his home but can attend to his business affairs. The construction of our "IDEAL" chair enables its use at a desk the same as an office or desk chair. Its construction enables occupant to get as close to a desk as with an ordinary chair and the hand rims enable him to get around the office, store or home conveniently.



This illustrates our "IDEAL" chair at a table. If temporarily or permanently disabled you need not be condemned to the sick room. Our "IDEAL" chair gives you the pleasure of enjoying your meals with your family. The convenience and practicability of this chair is readily apparent to all. Please note that our "IDEAL" chair enables occupant to get as close to the table as desired. You need have no vacant place at your table if you use an "IDEAL" chair.



This illustrates our "IDEAL" chair in actual use. Many invalids are compelled to forego the pleasure of piano playing because they have not been able to play with comfort. This illustration is taken from life and shows the comfort and pleasure occupant is able to enjoy. Temporary or permanent disability loses its hardships. Our "IDEAL" chair enables one to enjoy pleasure and activity indoors as well as outdoors.

**DIMENSIONS.**

Height of back from seat.....	25 inches.
Height of seat from floor.....	19 1/2 "
Height of seat from foot-board.....	18 "
Height of arms from seat.....	8 1/2 "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	24 "
Diameter of small wheels.....	8 "
Width over all.....	27 "



**"IDEAL" ROLLING CHAIR.**

With small swivel wheel and folding foot-board. A very comfortable and roomy chair that has met with great favor. Seat is filled with hygienic cane webbing. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has steel elliptic springs that absorb the vibration and jarring so annoying to invalids. We do not recommend this chair for use on other than smooth surfaces.

<b>No. 830.</b> With Oval Steel Rim Wheels.....	\$22 50
<b>No. 831.</b> With 3/4-inch Rubber Tires.....	32 50
<b>No. 832.</b> With 1-inch Rubber Tires.....	39 00
Bicycle Ball-Bearings on No. 831 or 832.....	Extra, 3 75
Hand Brake. ....	Extra, 3 00

**DIMENSIONS.**

Height of back from seat.....	20½	inches.
Height of seat from floor.....	20	"
Height of seat from footboard...	18	"
Height of arms from seat.....	9¾	"
Depth of seat.....	18	"
Width of seat between arms....	18¾	"
Diameter of large wheels.....	24	"
Diameter of small wheels.....	8	"
Width over all.....	27	"



**"IDEAL" ROLLING CHAIR.**

With small swivel wheel, and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has steel elliptic springs that absorb the vibration and jarring so annoying to invalids. Seat and back filled with hygienic cane webbing. The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair, one of our most popular patterns. We do not recommend this chair for use on other than smooth surfaces.

- No. 833.** With Oval Steel Rim Wheels.....**\$25 00**
- No. 834.** With ¾-inch Rubber Tires..... **35 00**
- No. 835.** With 1-inch Rubber Tires..... **41 50**
- Bicycle Ball-Bearings on No. 834 or 835.....Extra, **3 75**
- Hand Brake. ....Extra, **3 00**

Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions

DIMENSIONS.

	Wide Inches.	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	19 ½	19 ½
Height of seat from foot-board..	18 ½	18 ½
Height of arms from seat.....	8	8
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	24	24
Diameter of small wheel.....	10	10
Width over all.....	29	27



“IDEAL” RECLINING ROLLING CHAIR.

This chair embodies our “Ideal” construction, fully described in our introductory, in fact is the only reclining chair that we make with the “Ideal” running gear. The combination of this gear with our famous reclining back chair with folding foot-board that folds up flat against the leg-rests, also steel elliptic springs which absorb the vibration and jarring so annoying, makes a chair that will meet with instant success. Furnished regularly with hand rims on large wheels, that will allow patient to propel chair forward and backward, or turn in either direction at will. We do not recommend this chair for use on other than smooth surfaces.

- No. 887. With Oval Steel Rim Wheels.....\$27 00
- No. 888. With ¾-inch Rubber Tires..... 37 50
- No. 889. With 1-inch Rubber Tires..... 44 00
- Bicycle Ball-Bearings on No. 888 or 889.....Extra. 3 75
- Hand Brake. ....Extra. 3 00

**DIMENSIONS.**

Height of back from seat.....	25 inches.
Height of seat from floor.....	19½ "
Height of seat from foot-board....	18 "
Height of arms from seat.....	8½ "
Depth of seat.....	17 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	24 "
Diameter of small wheels.....	8 "
Width over all.....	27 "



**"IDEAL" ROLLING CHAIR.**

Upholstered in imitation Spanish leather. Has small swivel wheel and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has steel elliptic springs that absorb the vibration and jarring so annoying to invalids. A very comfortable and roomy chair that has met with great favor. We do not recommend this chair for use on other than smooth surfaces.

No. 836. With Oval Steel Rim Wheels.....	\$28 00
No. 837. With ¾-inch Rubber Tires.....	38 50
No. 838. With 1-inch Rubber Tires.....	45 00
Bicycle Ball-Bearings on No. 837 or 838.....	Extra, 3 75
Spring Seat. ....	Extra, 1 00
Hand Brake. ....	Extra, 3 00



**Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions**

**DIMENSIONS.**

Height of back from seat.....	26½ inches.
Height of seat from floor.....	20 "
Height of seat from footboard....	18 "
Height of arms from seat.....	23¼ "
Depth of seat.....	18 "
Width of seat between arms.....	18¾ "
Diameter of large wheels.....	24 "
Diameter of small wheels.....	8 "
Width over all.....	27 "



**"IDEAL" ROLLING CHAIR.**

Upholstered in imitation Spanish leather. Has small swivel wheel and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has steel elliptic springs that absorb the vibration and jarring so annoying to invalids. The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair, one of our most popular patterns. We do not recommend this chair for use on other than smooth surfaces.

<b>No. 839.</b> With Oval Steel Rim Wheels.....	\$28 00
<b>No. 840.</b> With ¾-inch Rubber Tires.....	38 50
<b>No. 841.</b> With 1-inch Rubber Tires.....	45 00
Bicycle Ball-Bearings on No. 840 or 841.....	Extra, 3 75
Spring Seat. ....	Extra, 1 00
Hand Brake. ....	Extra, 3 00

**DIMENSIONS.**

Height of back from seat.....	20½ inches.
Height of seat from floor.....	20       "
Height of seat from foot-board...	18       "
Height of arms from seat.....	9¾       "
Depth of seat.....	18       "
Width of seat between arms.....	18¾       "
Diameter of large wheels.....	24       "
Diameter of small wheels.....	8       "
Width over all.....	27       "



**FIXED ROLLING CHAIR.**

Diamond tufted upholstery in imitation Spanish leather. Has spring seat, small swivel wheel, and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. Has steel elliptic springs that absorb the vibration and jarring so annoying to invalids. The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair, one of our most popular patterns. We do not recommend this chair for use on other than smooth surfaces.

No. 842. With Oval Steel Rim Wheels.....	\$30 50
No. 843. With ¾-inch Rubber Tires.....	40 50
No. 844. With 1-inch Rubber Tires.....	47 00
Bicycle Ball-Bearings on No. 843 or 844.....	Extra, 3 75
Hand Brake. ....	Extra, 3 00

DIMENSIONS.

Height of back from seat.....	25 inches.
Height of seat from floor.....	20½ "
Height of seat from foot-board.....	17 "
Height of arms from seat.....	8½ "
Depth of seat.....	18 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	26 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

Upholstered in imitation Spanish leather. Has small swivel wheel and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. A very comfortable and roomy chair that has met with great favor.

No. 845. With Oval Steel Rim Wheels.....	\$25 50
No. 846. With¾-inch Rubber Tires.....	37 00
No. 847. With 1-inch Rubber Tires.....	42 00
Bicycle Ball-Bearings on No. 846 or 847.....	Extra, 3 75
Spring Seat.....	Extra, 1 00
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake.....	Extra, 3 00

DIMENSIONS.

Height of back from seat.....	20½ inches.
Height of seat from floor.....	21 "
Height of seat from foot-board....	17¾ "
Height of arms from seat.....	9¾ "
Depth of seat.....	18 "
Width of seat between arms.....	18¾ "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	29 "



FIXED ROLLING CHAIR.

Upholstered in imitation Spanish leather. Has small swivel wheel and folding foot-board. Furnished regularly with hand-rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair, one of our most popular patterns.

No. 848. With Oval Steel Rim Wheels.....	\$26 50
No. 849. With ¾-inch Rubber Tires.....	38 00
No. 850. With 1-inch Rubber Tires.....	44 00
Bicycle Ball-Bearings on No. 849 or 850.....	Extra, 3 75
Spring Seat. ....	Extra, 1 00
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake. ....	Extra, 3 00

DIMENSIONS.

Height of back from seat.....	29 ½	Inches.
Height of seat from floor.....	21	"
Height of seat from foot-board....	17 ¾	"
Height of arms from seat.....	23 ¼	"
Depth of seat.....	18	"
Width of seat between arms....	18 ¾	"
Diameter of large wheels.....	28	"
Diameter of small wheel.....	10	"
Width over all.....	29	"



FIXED ROLLING CHAIR.

Diamond tufted upholstery in imitation Spanish leather. Has spring seat, small swivel wheel, and folding foot-board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will. The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair, one of our most popular patterns.

No. 851. With Oval Steel Rim Wheels.....	\$28 50
No. 852. With ¾-inch Rubber Tires.....	40 00
No. 853. With 1-inch Rubber Tires.....	46 00
Bicycle Ball Bearings on No. 852 or 853.....	Extra, 3 75
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake. ....	Extra, 3 00

**DIMENSIONS.**

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	14	14
Width over all.....	29	27

Unless specified otherwise wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

Upholstered in imitation Spanish leather, arms padded. With rear swivel wheel of large diameter, 14-inch. We particularly recommend this chair as being one of the easiest to handle and to manipulate. The idea is entirely original with us and has been a source of much pleasure to many who praise it highly for these qualities. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

<b>No. 854.</b> With Oval Steel Rim Wheels.....	<b>\$27 00</b>
<b>No. 855.</b> With ¾-inch Rubber Tires.....	<b>37 50</b>
<b>No. 856.</b> With 1-inch Rubber Tires.....	<b>44 50</b>
Bicycle Ball-Bearings on No. 855 or 856.....	Extra, <b>3 75</b>
Spring Seat.....	Extra, <b>1 00</b>
Hand Brake.....	Extra, <b>3 00</b>

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9 ½	9 ½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Unless specified otherwise wide chair will be shipped.		



RECLINING ROLLING CHAIR.

Upholstered in imitation Spanish leather, arms padded. Has one-piece independent leg rest, fully described in our introductory. Has small swivel wheel and is furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

No. 857. With Oval Steel Rim Wheels.....	\$33 00
No. 858. With ¾-inch Rubber Tires.....	43 50
No. 859. With 1-inch Rubber Tires.....	50 00
Bicycle Ball-Bearings on No. 858 or 859.....	Extra, 3 75
Spring Seat. ....	Extra, 1 00
Hand Brake. ....	Extra, 3 00

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21½	21½
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27

Unless specified otherwise, wide chair will be shipped.



RECLINING ROLLING CHAIR.

Diamond tufted upholstery in imitation Spanish leather, spring seat and padded arms. With two rear swivel wheels, which make this chair very popular, and is recommended for very heavy people and for extremely nervous patients, as the two rear wheels gives a feeling of greater security than a chair with only one rear wheel. Has steel elliptic springs which absorb the vibration and jarring so annoying to invalids. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

No. 860. With Oval Steel Rim Wheels.....	\$35 00
No. 861. With ¾-inch Rubber Tires.....	48 50
No. 862. With 1-inch Rubber Tires.....	56 00
Bicycle Ball-Bearings on No. 861 or 862.....	Extra, 4 50
Hand Brake. ....	Extra, 3 00



DIMENSIONS.

	Wide Narrow	
	Inches	Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Length of leg-rest from seat		
when down.....	17	17
Length of leg-rest from seat		
when up.....	24½	24½
Unless specified otherwise wide chair will be shipped.		



RECLINING ROLLING CHAIR.

Upholstered in imitation Spanish leather, arms padded. With two-piece divided independent adjustable leg-rest, which is fully described in our introductory. We highly recommend this chair as one of the most useful and serviceable chairs for all cases. Has rear swivel wheel. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

No. 863. With Oval Steel Rim Wheels.....	\$35 50
No. 864. With ¾-inch Rubber Tires.....	46 00
No. 865. With 1-inch Rubber Tires.....	52 50
Bicycle Ball-Bearings on No. 864 or 865.....	Extra. 3 75
Steel Elliptic Springs.....	Extra. 2 50
Spring Seat.....	Extra. 1 00
Hand Brake.....	Extra. 3 00

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	21½	21½
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	10	10
Width over all.....	29	27
Length of leg-rest from seat when down.....	17	17
Length of leg-rest from seat when up.....	24½	24½
Unless specified otherwise, wide chair will be shipped.		



RECLINING ROLLING CHAIR.

Diamond tufted upholstering in imitation Spanish leather, spring seat and padded arms. With two-piece independent adjustable leg-rest, which is fully described in our introductory. We highly recommend the chair as one of the most useful and serviceable chairs for all cases. Has rear swivel wheel. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward, or turn in either direction at will.

No. 866. With Oval Steel Rim Wheels.....	\$40 00
No. 867. With ¾-inch Rubber Tires.....	50 50
No. 868 With 1-inch Rubber Tires.....	57 00
Bicycle Ball-Bearings on No. 867 or 868.....	Extra, 3 75
Hand Brake.....	Extra, 3 00

If an extra rear swivel wheel is wanted, see introductory.

DIMENSIONS.

Height of back from seat.....	25 inches.
Height of seat from floor.....	21½ "
Height of seat from foot-board....	17 "
Height of arms from seat.....	8 ½ "
Depth of seat.....	18 "
Width of seat between arms.....	17 "
Diameter of large wheels.....	28 "
Diameter of small wheel.....	10 "
Width over all.....	30 "



RECLINING ROLLING CHAIR.

Upholstered in imitation Spanish leather. Exactly the same as Nos. 845-6-7, except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. A well constructed and durable chair that has met with great favor on account of the low price.

No. 869. With Oval Steel Wheels and bicycle ball-bearings in both large wheels.	
plain bearings in small wheel.....	\$38 00
No. 870. With ¾-inch Rubber Tires and full bicycle ball-bearings in all wheels....	49 50
No. 871...With 1-inch Rubber Tires and full bicycle ball-bearings in all wheels.....	54 50
Spring Seat. ....	Extra, 1 00
Steel Elliptic Springs.....	Extra, 2 50
Hand Brake. ....	Extra, 3 00

**DIMENSIONS.**

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	20	20
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms.....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheel.....	14	14
Width over all.....	30	28

Unless specified otherwise, wide chair will be shipped.



**RECLINING ROLLING CHAIR.**

Upholstered in imitation Spanish leather, arms padded. Exactly the same as our famous reclining chair Nos. S54-5-6, made famous by its 14-inch swivel wheel, except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. This combination chair has attained great popularity.

- No. S72.** With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels.  
plain bearings in small wheel.....\$39 50
- No. S73.** With ¾-inch Rubber Tires and full bicycle ball-bearings in all wheels.... 50 00
- No. S74.** With 1-inch Rubber Tires and full bicycle ball-bearings in all wheels.... 57 00
- Spring Seat. ....Extra, 1 00
- Hand Brake. ....Extra, 3 00
- Independent leg-rest can be put on this chair. (See introductory.)

# DIMENSIONS.

Height of back from seat.....	20½	Inches.
Height of seat from floor.....	21	"
Height of seat from foot-board.....	17¾	"
Height of arms from seat.....	9¾	"
Depth of seat.....	18	"
Width of seat between arms.....	18¾	"
Diameter of large wheels.....	28	"
Diameter of small wheel.....	10	"
Width over all.....	30	"



## FIXED ROLLING CHAIR.

Diamond tufted upholstering of imitation Spanish leather, spring seat. Exactly the same as our very popular Nos. 851-2-3, except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. For solid comfort this chair is unequaled.

<b>No. 875.</b> With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels. plain bearings in small wheel.....	\$41 00
<b>No. 876.</b> With ¾-inch Rubber Tires and full bicycle ball-bearings in all wheels....	52 50
<b>No. 877.</b> With 1-inch Rubber Tires and full bicycle ball-bearings in all wheels....	58 50
<b>Steel Elliptic Springs.....</b>	Extra. 2 50
<b>Hand Brake.....</b>	Extra. 3 00

DIMENSIONS.

	Wide Inches	Narrow Inches
Height of back from seat.....	31	31
Height of seat from floor.....	22	22
Height of seat from foot-board..	17	17
Height of arms from seat.....	9½	9½
Depth of seat.....	20	20
Width of seat between arms....	19	17
Diameter of large wheels.....	28	28
Diameter of small wheels.....	10	10
Width over all.....	31	29

Unless specified otherwise, wide chair will be shipped.



RECLINING ROLLING CHAIR.

Diamond tufted upholstery of imitation Spanish leather, spring seat, and arms padded. Exactly the same as our Nos. 860-1-2 except with self-propelling attachment. We call particular attention to our introductory, which explains fully the superiority and the method of handling our bicycle ball-bearing self-propelling chairs. This high-grade chair meets every demand for strength, comfort and ease of operation.

- No. 878. With Oval Steel Rim Wheels and bicycle ball-bearings in both large wheels. plain bearings in small wheel.....\$47 50
  - No. 879. With ¾-inch Rubber Tires and full bicycle ball-bearings in all wheels.... 60 00
  - No. 880. With 1-inch Rubber Tires and full bicycle ball-bearings in all wheels.... 68 50
  - Hand Brake. ....Extra, 3 00
- Independent leg-rests and commode attachment can be put on this chair. (See introductory.)



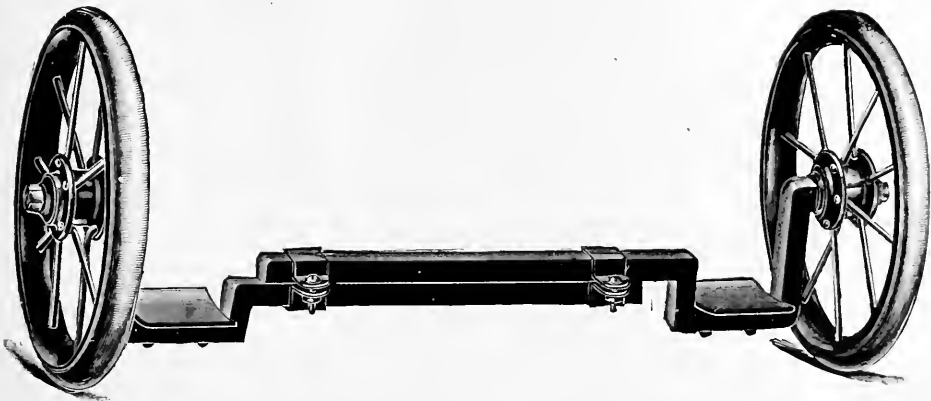
ROCKER TRUCK.

(PATENTED.)

Adjustable to any Rocker.

The utility of this device is quite apparent. With it an invalid, while sitting in an ordinary rocking chair, can be wheeled about the house with ease and comfort.

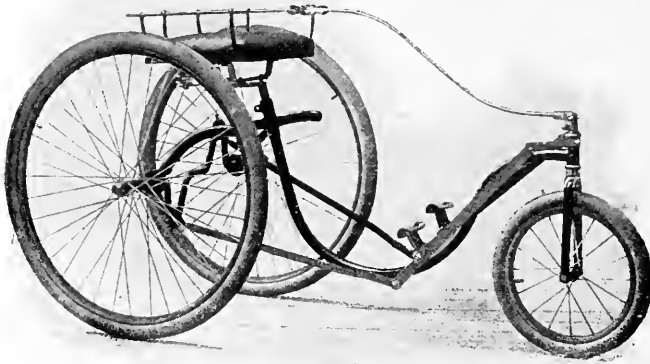
The axle is made in two parts, clamped together, thus rendering it adjustable in length to fit rockers of different width. It is made of  $\frac{1}{2}$ -inch square steel, and with a sharp drop to within a short distance of the floor. This drop in the axle is mounted with a steel plate to form a seat or bearing for the rockers.



To operate it, slip the axle under the rockers in the rear, tilt the chair back, and the rockers will clear the floor, as shown in cut.

The wheels are 8 inches in diameter and fitted with  $\frac{3}{4}$ -inch rubber tires.

Price, F. O. B. Toledo.....\$6 00



DIMENSIONS.

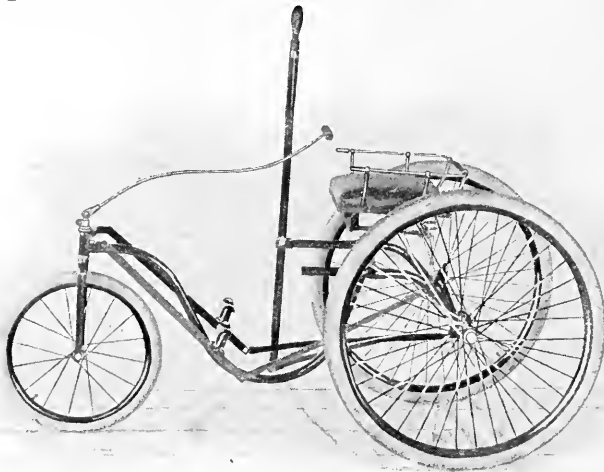
Diameter of large wheels. ....	30 inches.
Diameter of small wheel . . . . .	18 "
Width over all. . .	30 "
Length over all. .	63 "
Depth of seat. . .	12 "
Width of seat. . .	15 "
Height of seat from floor. . . . .	28 "

TRICYCLE NO. 7.

This machine is designed especially for ladies' use. With a moderate amount of exercise this model enables the rider to enjoy out-of-door recreation to the improvement of health and strength. It is of great advantage to those whom walking fatigues, and its use is frequently recommended by physicians. Wheels have heavily nickeled hubs and steel rims. Ball-bearings are placed at all points possible. Seat is upholstered in leather, and is adjustable so that it can be raised to 33 inches from floor. This design can be modified to meet special requirements.

PRICE.

With pneumatic tires. ....	\$80 00
With one and one-quarter inch cushion tires. ....	74 00
High back and arm rests to seat. ....	Extra, 2 00



DIMENSIONS.

Diameter of large wheels. ....	30 inches.
Diameter of small wheel . . . . .	18 "
Width over all. . .	30 "
Length over all. .	63 "
Depth of seat. . .	12 "
Width of seat. . .	15 "
Height of seat from floor. . . . .	28 "

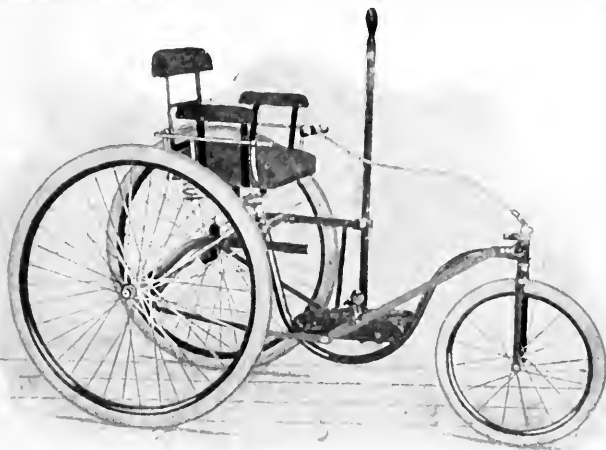
TRICYCLE NO. 8.

The above cut represents a modified form of our No. 7. It is designed for the use of persons having the control of the lower limbs, yet requiring more power to make satisfactory progress. The lever can be arranged to be used by either right or left hand. This is a very satisfactory machine for use in cases of partial paralysis of the lower limbs. On fairly level roads it can be propelled by hand power alone, if desired. It is built with heavily nickeled hubs and spokes. Ball-bearings at all possible points. Seat is upholstered in leather and adjustable so that it can be raised to 33 inches from floor. This model can be changed in size to meet special requirements.

PRICE.

With pneumatic tires. ....	\$87 00
With one and one-quarter inch cushion tires. ....	80 00
High back and arm rests to seat. ....	Extra, 2 00





DIMENSIONS.

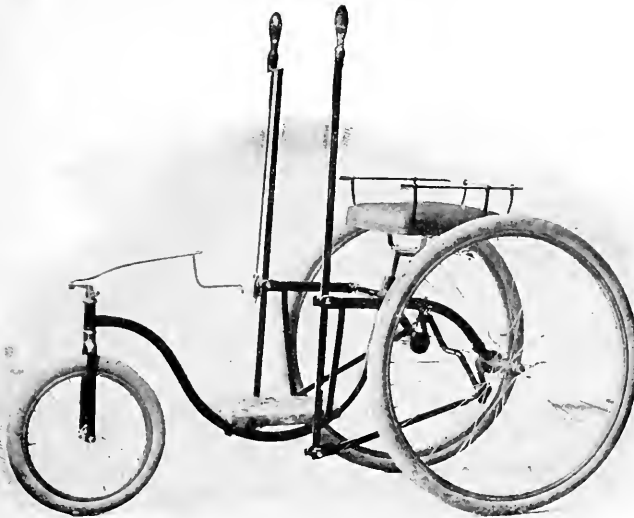
Diameter of large wheels.....	30 inches.
Diameter of small wheel.....	18 "
Width over all.....	30 "
Length over all.....	63 "
Depth of seat.....	12 "
Width of seat.....	15 "
Height of seat from floor.....	28 "
Height of foot-board from floor.....	11 "

TRICYCLE NO. 9.

As will be seen, the above model is a further modification of No. 7. It is arranged for the use of persons having strength in but one foot and hand. The above cut shows arrangement for use of the left hand and right foot, and a small foot-rest is attached to the reach, on which left foot may rest. The levers and treadle can be placed on whichever side of the machine may be desired. It is fitted with nickel-plated spokes and hubs, and steel rims. Ball-bearings at all points possible. Seat upholstered in leather, and adjustable to a height of 33 inches from the floor. Above illustration shows high back and arm rests, which may be fitted to the seat. This machine can be modified in measurement to meet special requirements.

PRICE.

With pneumatic tires.....	\$87 00
With one and one-quarter inch cushion tires.....	80 00
High back and arm rests to seat.....	EXTRA. 2 00



DIMENSIONS.

Diameter of large wheels.....	30 inches.
Diameter of small wheel.....	18 "
Width over all.....	30 "
Length over all.....	63 "
Depth of seat.....	12 "
Width of seat.....	16 "
Height of seat from floor.....	28 "
Height of foot-board from floor.....	11 "

TRICYCLE NO. 10.

The above represents the most popular type of our several styles. It is arranged to be propelled entirely by hand power, and is guided by patented steering arrangement attached to one of the levers. This machine is designed for the comfort of persons who have lost the control of the lower limbs. It is very practical and easily handled. It is built with nickel-plated spokes and hubs, and steel rims. Ball-bearings at all points possible. Seat is upholstered in leather, and adjustable to a height of 33 inches from floor. The steering arrangement is fixed to the right-hand lever, unless otherwise specified. Can be built in sizes to meet special requirements.

PRICE.

With pneumatic tires.....	\$94 00
With one and one-quarter inch cushion tires.....	87 00
High back and arm rests to seat.....	EXTRA. 2 00

Before Making Selection Read Carefully the Introductory Pages Regarding Our Suggestions



#### DIMENSIONS.

Diameter of large wheels. . . . .	30 inches.
Diameter of small wheel. . . . .	18 "
Width over all. . . . .	30 "
Length over all. . . . .	64 "
Depth of seat. . . . .	12 "
Width of seat. . . . .	15 "
Height of seat from floor. . . . .	28 "
Height of foot-board from floor. . . . .	10 "

#### TRICYCLE NO. 12.

This machine is arranged to be propelled by sprocket wheels and cranks, instead of levers. The drive wheels turn independently of one another, and the machine is very simple and easily steered. For some the crank motion is easier than that of the lever, and on a level road this machine is slower but more easily propelled. It is built with nickel-plated hubs and spokes, and steel rims. Ball-bearings at all points. Seat upholstered in leather, and adjustable to a height of 33 inches from floor. Steering handle also provided if desired. Seventeen-tooth sprockets on wheels and eight-tooth sprockets on cranks, with  $5\frac{1}{2}$  inches in length to cranks and 3-16-inch hard center bicycle chain, are used. With pneumatic tires. . . . . \$100 00  
With one and one-quarter inch cushion tires. . . . . 94 00  
High back and arm rests. . . . . Extra, 2 00



#### DIMENSIONS.

Diameter of large wheels. . . . .	30 inches.
Diameter of small wheel. . . . .	18 "
Width over all. . . . .	30 "
Length over all. . . . .	64 "
Depth of seat. . . . .	12 "
Width of seat. . . . .	15 "
Height of seat from floor. . . . .	28 "

#### TRICYCLE NO. 13.

This is one of our most popular tricycles. It is provided with both levers and treadles, and enables the rider to use both the arms and feet for power. The steering arrangement can be attached to either lever and is very satisfactory in its workings. This is an admirable machine for persons afflicted with partial paralysis of the lower limbs. It provides a moderate exercise, and is very beneficial in its results. Wheels are fitted with nickel-plated hubs and spokes, and steel rims. Ball-bearings at all points possible. Seat upholstered in leather, and can be adjusted to a height of 33 inches from floor. Illustration shows high back and arm rests, which may be fitted to seat. Can be furnished in dimensions to meet special requirements. With pneumatic tires. . . . . \$100 00  
With one and one-quarter inch cushion tires. . . . . 94 00  
High back and arm rests. . . . . Extra, 2 00

DIMENSIONS.

Height of back from seat.....	29	inches.
Height of seat from floor.....	17	"
Height of arms from seat.....	8	"
Width of seat.....	23	"
Depth of seat.....	20	"
Total length with leg-rest attached, as illustrated.....	52	"

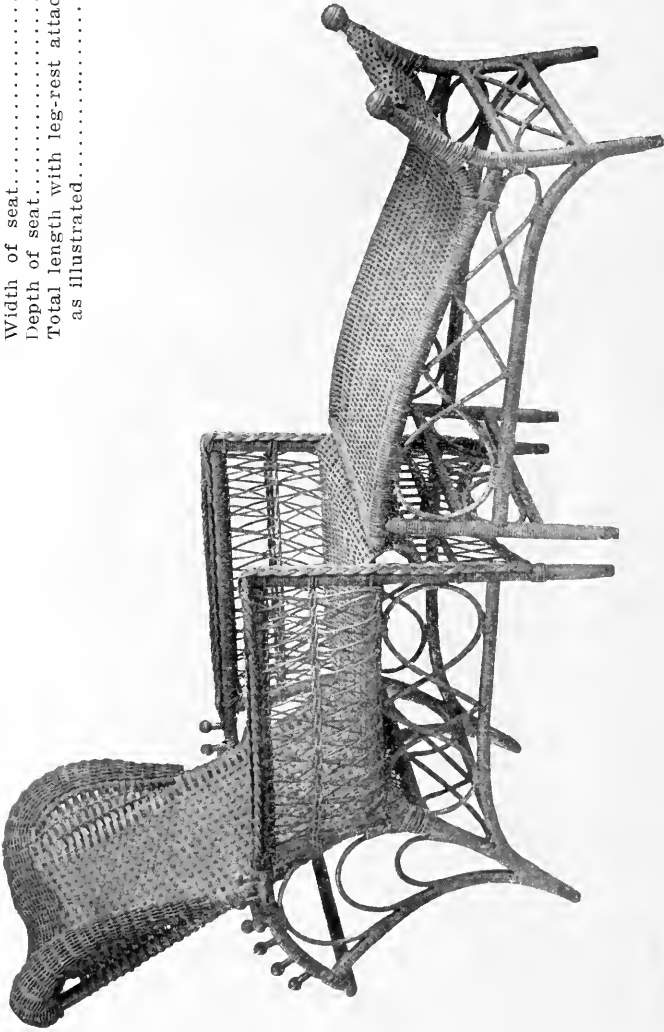


This Morris Chair is made of the finest quality of prime India reeds, finished light and varnished. The back is adjustable and can be reclined to a bed position if desired. These Morris Chairs can be supplied with folding cushions, as listed in our introductory.

No. 817. Morris Chair with removable leg-rest, as illustrated.....	\$17 00
No. 818. Morris Chair only, without leg-rest, F. O. B. Toledo, O.....	9 00
No. 819.....	\$15 00

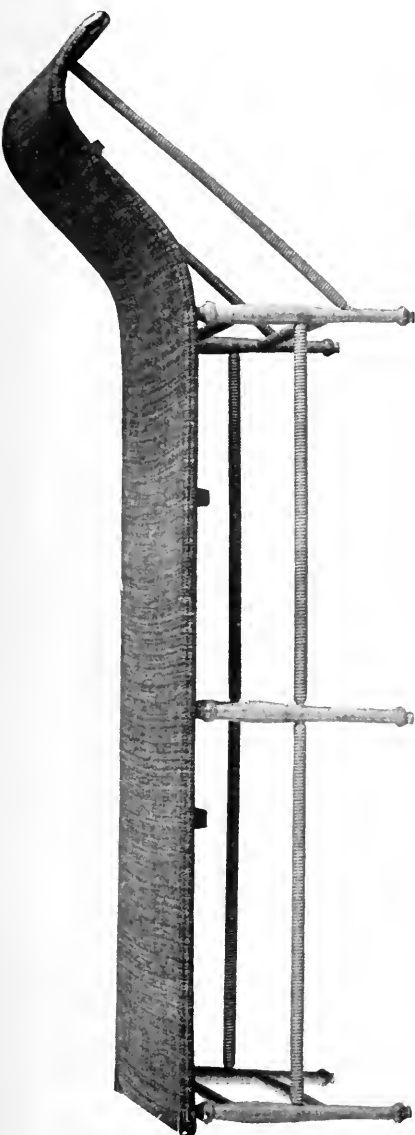
DIMENSIONS.

Height of back from seat.....	27 inches.
Height of seat from floor.....	16½ "
Height of arms from seat.....	8 "
Width of seat.....	21 "
Depth of seat.....	20½ "
Total length with leg-rest attached as illustrated.....	50 "

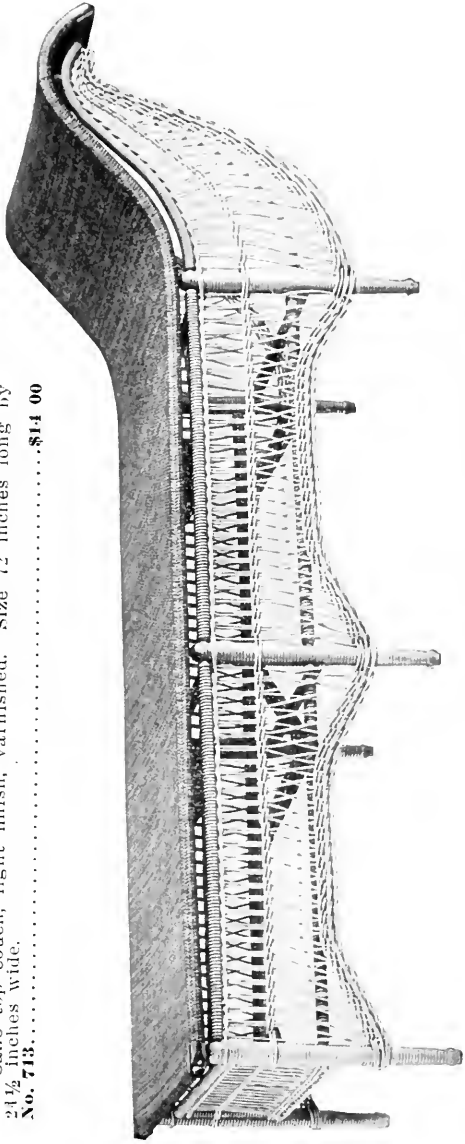


This reclining Morris Chair is made of the finest quality of prime India reeds, finished light and varnished. We call particular attention to the side pockets, which make a convenient receptacle for books, papers, fancy work, etc., thus making it a very handy and comfortable chair. The back is adjustable, and can be reclined to any position, even to a bed position if desired. The reclining back is finished off in Colonial style, thus making a desirable head-rest. It can be supplied with cushions, as listed in our introductory.

**No. 715.** Morris Chair with removable leg-rest.....\$25 00



Cane top couch, light finish, varnished. Size 72 inches long by 24½ inches wide. No. 713.....\$14 00



Cane top, reed bottom couch. Size, 72 inches long by 24½ inches wide. Light varnished. No. 714.....\$18 50

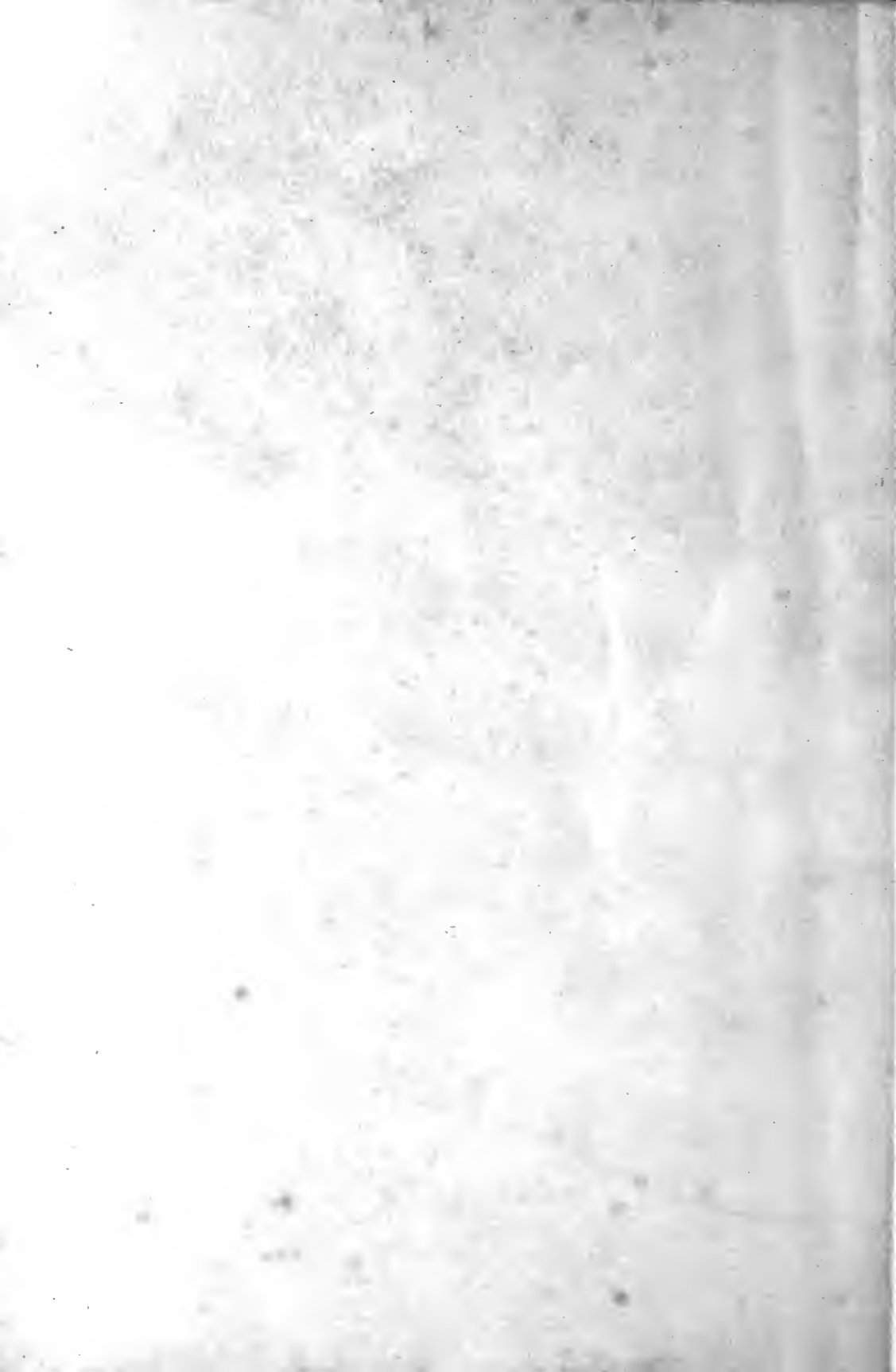


ADJUSTABLE BACK REST.

Specially recommended for hospitals, sanitariums, etc. Made of genuine oak with a polished finish. Has a curved frame which is a perfect fit to the body, and is filled with hygienic cane webbing, equipped with adjustable arm rests, fully upholstered, which can be adjusted at any angle to suit the position of the back, or can be entirely detached if desired. Width, 23 inches; height, 28 inches.

- No. 829. F. O. B. Toledo, O.....\$6 70  
No. 828. Same as above, without adjustable arm rests, width 21 inches, F. O. B.  
Toledo, O. . . . . 5 00









STANDARD PRINTING CO., 520 ADAMS ST  
TOLEDO OHIO